

Clean Harbors Environmental Services, Inc. 2247 South Highway 71 Kimball, Nebraska 69145 308.235.4012 www.cleanharbors.com

Sent via FedEx

February 11, 2019

13.

Mr. David Haldeman Nebraska Department of Environmental Quality 1200 N Street, Suite 400 Lincoln, NE 68509-8922 Nebraska Dept of Environmental Quality
By: \_\_\_\_\_DEQ#182

RECEIVED

RE:

September 25-28, 2018 RCRA Compliance Evaluation Inspection

DEO/EPA ID Number: NED981723513

IIS#: 58562 RCR

Dear Mr. Haldeman:

The purpose of this letter is to respond to the Notice of Violation dated November 13, 2018 and received by Clean Harbors Environmental Services, Inc. (CHESI) on November 29, 2018 (Attachment 1). The alleged violations and concerns are listed below followed by the CHESI response.

Alleged Violation 1 – Failure to accept, store and accumulate in containers only the wastes identified in Appendix I of the permit (Part III.C.8 of the RCRA Permit.)

#### CHESI Response:

NDEQ submitted to CHESI pages 182, 1984 and 2624 of the 2017 Biennial Report identifying Waste 545, Waste 592 and Waste 7871 (Attachment 2) with shipments containing waste codes not identified in the RCRA permit, Appendix I for acceptance at CHESI. CHESI extracted additional data from the 2017 Biennial Report that lists the manifests, and references the specific line item on the manifest, that corresponds to Wastes 545, 592 and 7871 (Attachment 3). Upon review of the manifests, CHESI identified 2 manifests, 007760329FLE and 006952281JJK, received with waste codes not identified in Appendix I, Part III.C.8 of the RCRA permit. The remaining manifests, listed in Attachment 3, have been reviewed and cross-referenced with the facility WIN drum tracking system verifying that all waste codes, for the waste received, are identified as acceptable in Appendix I of the RCRA Permit.

Manifests 007760329FLE and 006952281JJK were shipped and received at CHESI under labpack profiles LCCRC and LCCRD, respectively. Clean Harbors Central Profile Group reviews and approves profiles within the Clean Harbors facility network. Customers that self-pack labpacks are provided the Clean Harbors Custom Pack Guidelines (Attachment 4) and the packing lists are reviewed by the Clean Harbors Technical Services Department Representative prior to final approval. Labpacks that are packed by Clean Harbors personnel adhere to the Clean Harbors Corporate packing procedures. CHESI has determined that the acceptance of the waste on Manifest 006952281JJK, line 6 and Manifest 007760329FLE, line 35 were due to administrative error.





In reference to manifest 006952281JJK an error occurred with the Technical Services Department Representative approving the customer packing list with an unacceptable waste code. In reference to both manifests, 006952281JJK and 007760329FLE, an error occurred at the facility receiving level in which an unacceptable waste code was not identified by the receiving clerk. At this time, the employees involved in the administrative errors are no longer working in the job function in which the error occurred. Additionally, the Facility Operations Manger II at CHESI, provided specific guidance and directive to the Facility Coordinators and Compliance Guards of the requirement to review documentation for acceptable waste codes prior to acceptance of manifested waste at CHESI (Attachment 5).

Based on this review, CHESI will be submitting an amendment to the 2017 Biennial Report.

As requested, CHESI has included, with this submission, the manifests and the container tracking reports for Waste 545, 592 and 7871(Attachment 6) that are listed on the extracted data report from the 2017 Biennial Report.

#### Attachments:

- 2 Pages 182, 1984 and 2624 of CHESI 2017 Biennial Report
- 3 List of Manifests extracted from 2017 Biennial Report
- 4 Clean Harbors Custom Lab Pack Guidelines
- 5 Memo issued by Facility Operations Manager II
- 6 Manifests and container tracking documents listed in Attachment 3

Alleged Violation 2 – Failure to minimize the possibility of unauthorized entry of persons onto the active portions of the facility (Part II.E.1 of RCRA Permit.)

Per NDEQ, corrective action was taken by CHESI at the time of the inspection and no further response is necessary.

Alleged Violation 3 – Failure to make an accurate hazardous waste determination (Title 128, Chapter 4, 002.)

Per NDEQ, corrective action was taken by CHESI at the time of the inspection and no further response is necessary.

Alleged Violation 4 – Failure to separate containers holding hazardous waste that is incompatible with other wastes or materials (Part III.H.3 of RCRA Permit.)

#### CHESI Response:

At the time of the inspection, the container was removed from the identified location (Area 57D) and properly stored to comply with Part III.H.3 of the RCRA Permit.

CHESI determined the container was received and analyzed per the Waste Analysis Plan in the RCRA Permit. The container was temporarily stored in Area 57D during the waste acceptance process for



the purposes of completing duplicate, confirmatory conformance testing. Final waste conformance testing concluded that the drum required storage for processing in Area 57C.

CHESI's Receiving and Waste Acceptance personnel are trained as a new employee, annually, and as procedures and guidelines are updated. Attached is CHESI Management of Oxidizers Guideline (Attachment 7) that has been updated to include specific attention to evaluating container material composition for appropriate storage in Area 57D. Section 3, Oxidizer Building Storage, Area 57D states: "Outer containers must be constructed of appropriate manufacturing material and approved for storage in Area 57D. Only steel and poly containers can be stored in Area 57D." CHESI will continue to train employees on the Standard Operating Procedures and the Management of Oxidizers Guideline in adherence with the RCRA Permit Waste Analysis Plan and Personnel Training Program.

#### Attachments:

7 CHESI, Kimball Management of Oxidizers Guideline, Rev 1

Alleged Violation 5 – Failure to clearly mark each container of hazardous waste to identify its contents and date each period of accumulation begins (Title 128, Chapter 20, 014.01B1.)

Per NDEQ, corrective action was taken by CHESI at the time of the inspection. The label was replaced, and no further response is necessary.

Alleged Violation 6 – Failure to maintain and operate a continuous monitor downstream of the baghouse outlet to ensure compliance with the particulate matter emissions standard specified by permit (Part V.H.1 of the RCRA Permit, referenced by Title 128, Chapter 14, 004.02.)

#### CHESI Response:

Grain loading probe At-429A is installed in accordance with RCRA Permit condition V.H.1.a and calibrated daily. During the period of time in question of the operation of AT-429A, CHESI maintained the calibration schedule. Due to an improper seating of the spade connector of the device, the device displayed data at the calibration points and produced inconsistent data during continuous monitoring. Upon discovery of the improper seating, CHESI secured the spade connector which then produced monitoring data consistent with normal operation. To prevent similar incidents, a 48 hour period of the plot line, of the AT-429A monitor data, is reviewed by Control Board Operators and CHESI Incineration Management, on a daily basis, to evaluate for normal operation.

Concern 1 – Diagrams posted in the mezzanines of Building 55 listing miscellaneous equipment must be updated to include the knife shredder G-159 once the equipment is installed.

#### CHESI Response:

NDEQ approved, in 2017, the Permit Modification of the location of the knife shredder, G-159. At the time of NDEQ inspection, the knife shredder, G-159 had not been installed. Upon completion of G-159



is installation and the shredder is placed in service, the diagrams in the south and west mezzanines of Building 55 will be updated to include the new shredding equipment.

Concern 2 – An inspection checklist must be developed for the paint can shredding, Area 50F, once it is in service.

#### CHESI Response:

NDEQ approved, in 2016, the permit modification for the paint can shredding system in Area 50F. Upon completion of the Area 50F paint can shredding system construction and the system is placed in service, a permit modification of an inspection checklist will be submitted to NDEQ and implemented.

Concern 3 – The Drop Box and Cat-Vac 90-day accumulation containers in Area 80 must be listed on the inspection checklist for that area to document weekly inspections are being conducted.

#### CHESI Response:

The inspection for Area 80 was modified and implemented on 10/16/2018 to include the Drop Box and Cat-Vac (Attachment 8). The addition is a modification to a current Area 80 Daily Inspection listed in Appendix VI of the RCRA Part I Permit.

#### Attachment:

8 CHESI 10/16/2018 Area 80 Inspection

Should you have any questions, please contact Lezah Saunders, Environmental Compliance Manager at (308) 235-8260 or via email at <a href="mailto:saunders.lezah@cleanharbors.com">saunders.lezah@cleanharbors.com</a>.

Sincerely,

Brad Reader General Manager

Readerb@cleanharbors.com

Breek Reader

## Attachment 1 NOV Letter from NDEQ



Good Life, Great Environment,

DEPT. OF ENVIRONMENTAL QUALITY



#### Notice of Violation

NOV 1 3 2018

CERTIFIED MAIL
Return Receipt Requested
Mr. Brad Reader, General Manager
Clean Harbors Environmental Services, Inc.
2247 South Highway 71
Kimball, NE 69145

Re: September 25-28, 2018 RCRA Compliance Evaluation Inspection

DEO/EPA Identification Number: NED981723513

HS#: 58562 RCR

Dear Mr. Reader:

On September 25-28, 2018, the Department of Environmental Quality conducted a hazardous waste Compliance Evaluation Inspection (CEI) at Clean Harbors Environmental Services, Inc. for the purpose of determining compliance with your hazardous waste permit and Title 128 – Nebraska Hazardous Waste Regulations. A copy of the inspection report is enclosed.

Based on this inspection, Clean Harbors Environmental Services, Inc. was found in violation of the following requirements:

- 1. Failure to accept, store, and accumulate in containers only the wastes identified in Appendix I of the permit (Part III.C.8 of the RCRA Permit). This citation refers to Observation 3 of the inspection report.
- 2. Failure to minimize the possibility for the unauthorized entry of persons onto the active portions of the facility (Part II.E.1 of the RCRA Permit as referenced by Title 128, Chapter 21, 002). This citation refers to Observation 5 of the inspection report.
- 3. Failure to make an accurate hazardous waste determination (Title 128, Chapter 4, <u>002</u>). This citation refers to Observation 9.g of the inspection report.
- 4. Failure to separate containers holding a hazardous waste that is incompatible with other wastes or materials (Part III.H.3 of the RCRA Permit as referenced by Title 128, Chapter 21, 009). This citation refers to Observations 10 and 19 of the inspection report.

- 5. Failure to clearly mark each container of hazardous waste to identify its contents and the date each period of accumulation begins (Title 128, Chapter 20, <u>014.01B1</u>). This citation refers to Observation 18 of the inspection report.
- 6. Failure to maintain and operate a continuous monitor downstream of the baghouse outlet to ensure compliance with the particulate matter emission standard specified by the permit (Part V.H.1.a of the RCRA Permit as referenced by Title 128, Chapter 14, <u>004.02</u>). This citation refers to Observations 46.b and 52 of the inspection report.

In addition to the violations listed, the following areas of concern were identified:

- 1. The diagrams posted in the mezzanines of Building 55 listing miscellaneous equipment must be updated to include the knife shredder G-159 once that equipment is installed (reference Observation 20 of the inspection report).
- 2. An inspection checklist must be developed for paint can shredding Area 50F once it is in service (reference Observation 35.a).
- 3. The Drop Box and Cat-Vac 90-day accumulation containers in Area 80 must be listed on the inspection checklist for that area to document that weekly inspections are being conducted (reference Observation 36.d of the inspection report).

This department has determined that the following actions must be taken to address these violations and concerns. You are required to complete the following tasks and provide written confirmation of completion, or a schedule for completion subject to department approval within 30 days of receipt of this letter.

Violation 1 – The 2017 Biennial Report listed three wastes received from off-site with waste codes that are not listed in Appendix 1 of the permit as approved for acceptance. These waste codes were F027 on Waste Stream 545, P081 on Waste Stream 5952, and U096, U160, U189, and U205 on Waste Stream 7872 of the WR forms. Copies of these WR forms were provided during the inspection. Provide copies of the manifests for these wastes, along with copies of the container tracking activities report for each. Additionally, provide an explanation of how these wastes were not prevented from being shipped to the Kimball facility and how it will be prevented in the future.

**Violation 2** – This violation is in reference to the security gate that was not latching correctly at the time of the inspection. This violation was corrected at the time of the inspection. No further response is necessary with regard to this violation.

Violation 3 – At the time of the inspection, discarded lab samples were being managed as non-hazardous wastes. The exclusion for samples is found in Title 128, Chapter 2, <u>011</u> and lists the conditions under which the exclusion applies. Once these conditions no longer exist, the exclusion does not apply and the samples become a newly generated hazardous waste. This violation was corrected at the time of the inspection by designating and managing the discarded samples as hazardous waste. No further response is necessary with regard to this violation.

Violation 4 – This violation is in reference to the fiber drum, Container #68411956 that was being stored in the oxidizer building (Area 57D) at the time of the inspection. According to the waste profile, this fiber drum contained titanocene dichloride. Several on-line references list titanocene dichloride as incompatible with strong oxidizers (see Fisher Scientific SDS enclosed as an example). Additionally, the fiber drum itself is a potentially combustible material in the presence of strong oxidizers. This drum was removed at the time of the inspection. Provide any compatibility information you may have on this waste and an explanation of how such potential incompatibilities will be prevented in the future.

Violation 5 – This violation is in reference to a bulk container found in container storage Area 70C that was missing a label. The label was replaced at the time of the inspection. No further response is necessary with regard to this violation.

Violation 6 – This violation is in reference to the finding that the grain loading probe AT-429A was not functioning properly for a period of approximately 32 days until the problem was corrected just prior to the end of the inspection. Appendix V of the RCRA Permit states that particulate matter (PM) emissions are monitored continuously. Provide an explanation of this probe's role in the requirement to continuously monitor PM emissions, and whether or not compliance can be confirmed by other means during this 32-day period. Also, provide an explanation of how similar incidents will be prevented in the future.

Concern 1 – Confirm that the diagrams in the south and west mezzanines of Building 55 will be updated to include the new shredding equipment once installed.

Concern 2 – Confirm that an inspection checklist for the equipment in Area 50F will be developed once this area is constructed and in service.

Concern 3 – Confirm that the inspection checklist for Area 80 will be updated to include the two 90-day accumulation containers for Cat-Vac ash and Drop Box ash and provide a copy of the inspection checklist with your response.

Because several of these violations are high priority violations as defined by the department, a request for enforcement may be referred to the NDEO Legal Services Division for appropriate action. Such action may include civil penalties pursuant to Nebraska Revised Statute §81-1508.02 of up to \$10,000.00 per violation per day.

If you have any questions regarding this letter, please contact Brian Gorman at (402) 471-4210.

Sincerela

David B. Haldeman, Administrator

Land Management Division

DBH/bg Enclosure

cc: Lezah Saunders w/o enclosure Jim Aycock w/enclosure

## Attachment 2 2017 Biennial Report Pages Submitted to CHESI from NDEQ

### HAZARDOUS WASTE REPORT 2017 WASTE RECEIVED FROM OFF SITE (WR) FORM



1. Waste 544							
A. Waste Description	TOXIC LIQUIDS FLAMMABLE ORGANIC NOS						
B. EPA Hazardous Waste Codes	D001 P071 P044						
C. State Hazardous	Waste Codes				- <del>1</del> - 1 ·		
D. EPA ID Number	NMD002208627		E. Form Code W00	04	F. Managemen	t Code H040	
G. Quantity	11.00	UOM	Pounds	Density 0.	00	[]] lbs/gal	sg
2. Waste 545							
A. Waste Description	TOXIC LIQUIDS OR	GANIC	NOS				
B. EPA Hazardous Waste Codes	D039 U044 P082 U1		3 D037 F027 U038 P07 8 D010 P027 D022 P12				
C. State Hazardous	(comments) Waste Codes						
D. EPA ID Number	NMD002208627		E. Form Code W0	04	F. Managemen	t Code H040	
G. Quantity	1,800.00	UOM	Pounds	Density 0.	00	[]lbs/gal	sg
3. Waste 546							
A. Waste Description	TOXIC SOLIDS ORG	SANIC N	10S				
B. EPA Hazardous Waste Codes	D008 P113						
C. State Hazardous	Waste Codes						
D. EPA ID Number	NMD002208627		E. Form Code W0	04	F. Managemen	t Code H040	
G. Quantity	133.00	UOM	Pounds	Density 0.	00	☐ lbs/gal	sg

#### 4. Comments

W545: (waste code) P042 U170 D007 P004 U165 U144 U240 U081 D019 P120 D005 P059 U247 D031 U279 U007

### HAZARDOUS WASTE REPORT 2017 WASTE RECEIVED FROM OFF SITE (WR) FORM



A. Waste	ENVIRONMENTALLY HAZARDOUS SUBSTANCES SOLID NOS LEAD							
Description								
B. EPA Hazardous Waste Codes	D008							
C. State Hazardous	Waste Codes							_
D. EPA ID Number	AKR000003806		E. Form Code	W002		F. Managemer	nt Code H141	
G. Quantity	22.00	UOM	Pounds	Density	0.0	00	lbs/gal	sg
Waste 5951								
A. Waste	ENVIRONMENTALLY	HAZA	RDOUS SUBSTAN	ICES SOLID NOS	TRIVALE	<del> </del>		
Description								
	D007							<del></del>
	D007							<del></del>
B. EPA Hazardous Waste Codes								
B. EPA Hazardous Waste Codes C. State Hazardous			E. Form Code	W002		F, Managemei	nt Code H141	
B. EPA Hazardous Waste Codes C. State Hazardous D. EPA ID Number	Waste Codes	UOM	E. Form Code Pounds		0.0		nt Code H141	Ssg
B. EPA Hazardous Waste Codes C. State Hazardous D. EPA ID Number G. Quantity	Waste Codes AKR000003806	UOM	L	W002	0.0		<del></del>	
B. EPA Hazardous Waste Codes C. State Hazardous D. EPA ID Number G. Quantity Waste 5952	Waste Codes AKR000003806		Pounds	W002	0.0		<del></del>	
B. EPA Hazardous Waste Codes C. State Hazardous D. EPA ID Number G. Quantity Waste 5952	Waste Codes  AKR000003806  412.00		Pounds	W002	0.0		<del></del>	
B. EPA Hazardous Waste Codes C. State Hazardous D. EPA ID Number G. Quantity  Naste 5952  A. Waste Description	Waste Codes  AKR000003806  412.00  NITROGLYCERIN SO		Pounds	W002	0.0		<del></del>	
B. EPA Hazardous Waste Codes C. State Hazardous D. EPA ID Number G. Quantity  Naste 5952  A. Waste Description	Waste Codes  AKR000003806  412.00		Pounds	W002	0.0		<del></del>	
B. EPA Hazardous Waste Codes C. State Hazardous D. EPA ID Number G. Quantity Waste 5952 A. Waste Description B. EPA Hazardous	Waste Codes  AKR000003806  412.00  NITROGLYCERIN SO  D001(P081)		Pounds	W002	0.0		<del></del>	

Density

0.00

G. Quantity
4. Comments

2.00

UOM Pounds

sg

\_\_lbs/gal

### HAZARDOUS WASTE REPORT 2017 WASTE RECEIVED FROM OFF SITE (WR) FORM



1	Waste	7870
- 6	VVASIE	7070

1	. Waste /8/U							
	A. Waste Description	COMBUSTIBLE LIQUID NOS SOLVENT SLUDGE						
	B. EPA Hazardous Waste Codes	D018 D008 D006 D039 D001 D040						
	C. State Hazardous	Waste Codes						
	D. EPA ID Number	WAD981769110		E. Form Code W	204	F. Managemen	t Code H040	
	G. Quantity	800.00	UOM	Pounds	Density 0.	00	lbs/gal	sg
(2	. Waste 7871)							
	A. Waste Description	ENVIRONMENTALLY HAZARDOUS SUBSTANCES LIQUID NOS						
	B. EPA Hazardous Waste Codes	U328 F035 U140 D0			55 F025 U196 U222 U 01 K147 K050 U183 U			
	C. State Hazardous	(comments) Waste Codes						
	D. EPA ID Number	WAD981769110	_	E. Form Code W	204	F. Managemen	t Code H040	
	G. Quantity	441,532.00	иом	Pounds	Density 0.	00	lbs/gal	sg
3.	. Waste <b>7</b> 872							
	A. Waste Description	FLAMMABLE LIQUIDS NOS 1METHOXY2PROPANOL						
	B. EPA Hazardous Waste Codes	F002 U159 U210 U161 D005 U220 D018 F008 U239 F005 D035 U002 D039 U154 F003 D001 U019 F001						
	C. State Hazardous	Waste Codes						
	D. EPA ID Number	WAD981769110		E. Form Code W	204	F. Managemen	t Code H040	
	G. Quantity	2,289.00	иом	Pounds	Density 0.	00	ibs/gal	sg

#### 4. Comments

### HAZARDOUS WASTE REPORT 2017 WASTE RECEIVED FROM OFF SITE (WR) FORM



W7871; (waste code) U174 U243 K034 D030 U210 K005 U145 D018 P039 U022 U410 F032 K106 K171 K045 K117 U097 D025 U082 K04 4 K018 K114 D020 U367 K103 U208 K029 K097 U004 U131 U078 U132 U059 U061 D037 U034 U075 U048 K105 U090 K 112 U193 U020 U099 K169 U028 F009 K085 U404 U235 U142 U084 K032 U200 U182 U225 U364 K086 U247 U018 K028 D002 U089 U062 K136 U189 k1 49 U186 U039 U126 K051 U161 D005 K107 U053 U220 F004 D007 U179 U169 U067 U134 U178 K157 U279 U045 D026 U052 U206 U017 K071 U117 U115 K116 U007 D017 U150 U042 U127 U101 U058 U271 U248 K123 U209 D014 D028 P001 K142 U012 F008 U087 K087 U1 62 K060 K126 D011 U072 D015 U079 U055 K083 U029 D034 U086 K172 K048 K125 U073 K084 K141 K101 K156 U044 U223 U094 U133 U124 K093 K110 K102 U081 P012 U237 U003 U091 U019 U076 U009 K096 U194 U125 D024 K049 U226 K113 D023 K025 U060 U047 U0 30 U136 U006 U141 K109 K143 K046 U191 U170 U353 D012 K009 U249 U026 U239 D004 U135 U165 K036 K031 U146 U118 U035 K004 U116 U122 K038 K021 U024 U203 K019 D001 F038 F011 U234 U105 U066 U158 K016 U184 D009 U185 F003 U041 U278 K035 U149 U2 21 U113 P075 U088 U168 U111 P044 K148 U027 U160 D039 F039 U188 K118 U103 U108 U032 U156 U106 K026 K069 U240 K095 P042 K100 D040 U197 U147 U110 U171 U395 U001 U153 U014 K124 U037 U070 U144 U021 D019 U394 D043 K111 D032 D038 U092 D031 U1 67 U201 U068 U373 U011 K006 U119 K033 F019 U409 K062 K052 U063 K145 U137 U128 F005 U213 U130 U077 D006 P037 K104 D027 U051 U064 U056 U123 U016 1205 0046 U190 U043 K014 U159 U114 F024 D016 U129 U095 D022 K094 F037 D036 K151 U192 D035 U1 07 U074 P127 K037 U057 U005 K024 K020 U071 U172 U151 U033 P102 U002 D042 U207 U164 K108 K022 U204 U246 K011 U163 U036 U176 U372 U050 U010 U228 U121 U180 U219 U015 D029 U080 K027 U038 D010 U154 U102 K073 U093 U181 P022 K007 U359 K023 K 144 U096 K042 U049 U227 K003 K039 K047 D033 K170 U173 U166 F010 D013 D021 K008 U244 U411 U218 U083 U085 F006 K017 U14 3 U236 U025 U098 K115 P108 U008 K013 U120 K010

# Attachment 3 2017 Biennial Report Extracted Data

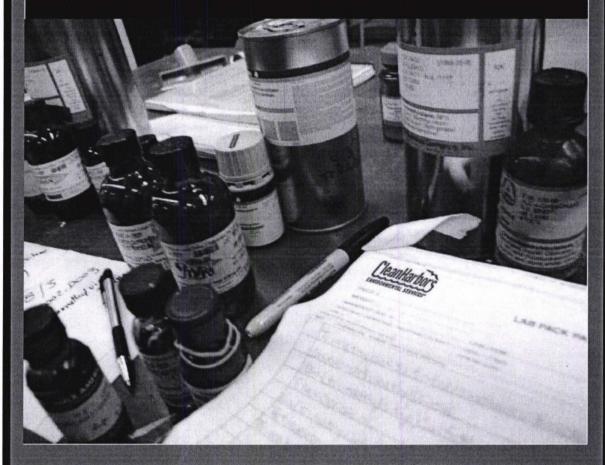
#### **CHESI Kimball 2017 Biennial Report Data**

Waste #	Manifest	Manifest Line	Generator EPA ID #	Facility EPA ID	Waste Profile
7871	003456976FLE	. 1	WAD981769110	NED981723513	A22K-INT-AIR
7871	003456977FLE	1	WAD981769110	NED981723513	A22K-INT-AIR
7871	003456978FLE	1	WAD981769110	NED981723513	A22K-INT-AIR
7871	003456979FLE	1	WAD981769110	NED981723513	A22K-INT-AIR
7871	003456980FLE	1	WAD981769110	NED981723513	A22K-INT-AIR
7871	003456983FLE	1	WAD981769110	NED981723513	A22K-INT-AIR
7871	003456984FLE	1	WAD981769110	NED981723513	A22K-INT-AIR
7871	003456985FLE	1	WAD981769110	NED981723513	A22K-INT-AIR
7871	003456986FLE	- 1	WAD981769110	NED981723513	A22K-INT-AIR
7871	003456988FLE	1	WAD981769110	NED981723513	A22K-INT-AIR
7871	007597105FLE	5	WAD981769110	NED981723513	A22K-INTER
7871	007597114FLE	5	WAD981769110	NED981723513	A22K-INTER
5952	006952281JJK	6	AKR000003806	NED981723513	LCCRD
545	007760175FLE	1	NMD002208627	NED981723513	LCCRC
545	*007750184FLE-5	39	NMD002208627	NED981723513	LCCRC
545	007760231FLE-4	31	NMD002208627	NED981723513	LCCRC
545	007760232FLE-4	32	NMD002208627	NED981723513	LCCRC
545	007760232FLE-4	29	NMD002208627	NED981723513	LCCRC
545	007760232FLE-4	26	NMD002208627	NED981723513	LCCRC
545	007760248FLE-2	10	NMD002208627	NED981723513	LCCRC
545	007760248FLE-2	11	NMD002208627	NED981723513	LCCRC
545	007760248FLE-3	17	NMD002208627	NED981723513	LCCRC
545	007760329FLE	35	NMD002208627	NED981723513	LCCRC
545	007760348FLE	8	NMD002208627	NED981723513	LCCRC
545	007761076FLE	38	NMD002208627	NED981723513	LCCRC

<sup>\*007760184</sup>FLE-5 - cross-referenced with 007750184FLE

## Attachment 4 Clean Harbors Custom Lab Pack Guidelines

## CustomPack® Guidelines





#### MISSION STATEMENT

The Clean Harbors CustomPack® program offers generators of lab pack quantity waste an economical and environmentally sound disposal option. The CustomPack® program allows for generators with the appropriately trained staff to package their own lab pack waste for disposal. The Technical Services department has a dedicated staff to provide technical assistance and guidance on how to properly package waste lab chemicals. Technical Services will ensure the packaged materials meet all applicable regulations and comply with Clean Harbors' facilities acceptance criteria. Our network of storage and disposal facilities accepts and processes lab packed chemicals. Disposal capabilities available through our facilities include reclamation, fuel blending, high temperature incineration, aqueous treatment, and secure chemical landfill.

#### CONTACT INFORMATION

Technical/Approval Contact: Technical Services (TechServices)

Phone Number:

(781) 792-5398

Fax Number:

(781) 792-5938

Email:

TechServices@cleanharbors.com

Office Address:

Clean Harbors Env. Services 42 Longwater Drive.

Norwell, MA 02061

(781) 792-5398

#### CLEAN HARBORS ONLINE SERVICES

Ask your Account Manager or Customer Service Representative about Clean Harbors Online Services. Clean Harbors offers a state-of-the-art web-based waste management tool designed specifically to help our customers manage their hazardous waste more efficiently. All that is needed is a personal computer with an internet connection to use the application.

The waste inventory module allows customers to create and track containers and drums of any size throughout their facility. By entering your containers online for shipment, the Self-Pack approval process is streamlined. Emailing or faxing packing lists are no longer required. Self-pack shipments with Clean Harbors are linked to the waste inventory streamlining the waste approval and order management process. Shipping paperwork is created using the containers selected for shipment.



Section 1
CustomPack®
Information



#### 1.1 Approval Process

All containers must be approved prior to shipment from site of generation to a Clean Harbors facility. The following procedure outlines all requirements necessary to assure approval. Please allow three days for review of inventories to ensure enough time is given prior to shipping. In situations where a review needs to be expedited please indicate upon submitting.

A) All Self Pack shipments require review by a Technical Services Representative. Please send completed packing lists to TechServices for review using one of the following methods:

Email: TechServices@cleanharbors.com

Fax: 781-792-5938 (Attention: TechServices)

Mail: Clean Harbors Environmental Services 42 Longwater Drive

Norwell, MA 02061

**Telephone:** 781-792-5398

- B) Waste materials for shipment must be inventoried by container and a packing list prepared for each drum. One copy of the packing list must be provided to the transporter and three copies attached to each drum. Each drum requires a completed packing list which should include the following information: Drum Size, Shipping Name, Applicable Waste Codes, and Complete Inventory. If needed, a blank packing list can be provided on request.
- C) Upon receipt of packing lists, the Program Manager will review the contents of each container for compliance with Federal and State regulations as well as packing protocols set forth by Clean Harbors.
- D) A review sheet will be returned which shall contain the disposal code for each drum and any changes that are required. Any required corrections will be conveyed and subsequent approval will be contingent upon adherence to the corrections. Until the required changes have been made these drums cannot be shipped to a CHES facility.
- E) Once all paperwork has been reviewed and approved by TechServices an approval number will be assigned for the lab pack shipment. The approval number is



specific only to the drums submitted as indicated on the review form. This approval number is ONLY valid for one shipment. Each subsequent shipment will require a separate review. The specific approval number shall then be placed on the top right- hand corner of the manifest. One or more of the drums will be given a specific profile number based on the approval number given. This will be indicated on the review. The profile number will replace that drum's lab pack disposal code. This profile contains information to the plants that the shipment was reviewed and approved by TechServices. The remainder of the drums should use the assigned disposal code from the review.

#### F) Unacceptable Material

Explosives, Radioactive

Bio Hazardous Waste

Department of Transportation forbidden to transport items.

DEA regulated material

The listing of restricted materials varies depending on to which Clean Harbors' facility the waste is shipped.

#### **Shipping Material without Approval**

Material shipped without the proper approval numbers will be rejected back to the generator and the generator will be held responsible for any transportation charges incurred.

#### Misrepresented Waste

Additional pieces found in the drum and not listed as part of the packing list inventory or mislabeled chemicals which could pose a threat to the safety of Clean Harbors' employees will be assessed a \$300.00 fee per occurrence.

#### Improper Packaging of Chemicals

Mixed hazard classes per the Department of Transportation regulations, broken or leaking containers, or any mislabeled drum will be assessed a \$75.00 fee. Materials



which have been improperly packaged and require special handling may be assessed an off-specification fee in excess of \$75.00.

#### Manifest and Land Ban Certificate Discrepancies

Missing or incorrect information on regulatory documents will be assessed a \$75.00 fee.

#### Missing NFPA Oxidizer Class

Missing information regarding NFPA oxidizing class will be assessed a \$75.00 fee. NFPA Class should be included on packing lists and manifests where applicable. If there are questions regarding proper classification, work with TechServices during review process.

#### 1.2 Scheduling & Receiving Procedures

Scheduling of all material will be performed according to the following procedures:

- A) One specific approval number will be issued for each shipment upon confirmation of compliance with all approval criteria.
- B) Schedule shipment with your local Customer Service Representative or point of contact.
  - a. Materials transported to a Clean Harbors' facility must utilize an appropriately licensed and permitted transportation company.

Upon delivery of shipment to a Clean Harbors' facility, the following procedures will be followed:

- A) Each manifest will be reviewed by a receiving chemist for:
  - 1) Accuracy of piece count
  - 2) Land Disposal Restriction Notifications



- 3) Proper Signatures
- 4) Evaluations (where applicable)
- 5) Any other paperwork associated with the manifest, when applicable
- B) Container labels will be inspected for required information in accordance with D.O.T. Regulations and Clean Harbors' specifications.
- C) All containers will be inspected upon arrival and must match information provided to TechServices prior to the shipment.
- D) All discrepancies will be noted and may be subject of off-spec charge
- E) Manifest discrepancy notifications will be issued where applicable. The Self Pack Program participant will be notified via telephone when necessary. For this reason, the name of a generator contact authorized to make manifest discrepancies must be provided when the approved material is scheduled into the facility.
- F) Materials received that are restricted from the facility will be rejected back to the generator and will be subject to off-specification charges.
- G) Clean Harbors will complete the distribution of the hazardous waste manifest and forward a copy to the Self Pack Program participant.

#### 1.3 Items Requiring Pre-Approval

"The items listed in Section 1.3 are highly hazardous chemicals that require a special pre-approval process. The list is not intended to be all inclusive, nor should it be relied upon by any party for any other purpose. Compliance with these procedures shall not relieve the party packaging the materials from complying with applicable law and industry standards. Clean Harbors will not accept the listed materials, except in accordance the following procedures. For chemicals which do not pass the approval process and for all highly hazardous materials, Clean Harbors recommends utilizing the Clean Harbors Reactive Materials Team to handle these potentially unstable compounds."



#### **Azides**

#### Potentially Acceptable Azide Compounds:

Alkaline earth metal azides (Sodium, Potassium, Lithium) Alkyl azides (t-butyl azidoformate, Ethyl azidoformate) Aryl azides (Phenyl azide)

**Azide Hazards** - potentially unstable, reactive, and explosive. Toxic. Incompatibles included metals, oxidizing agents, reducing agents, acid, alkalis, alcohols, aldehydes, ketones, sulfur and sulfides

Required Form - Clean Harbors Azide Evaluation Form

Packing Requirements - Pack alone. Poly containers only. Code LRCT-B

### Unacceptable Azide Compounds - unstable and potentially explosive. NOT CHESI approved:

Ammonium azide

1-Hydroxy -7-azabenzotriazole Azido guanidine picrate (dry)

Azido hydroxy tetrazole (mercury & silver salts)

3-Azido-1,2-propylene glycol dinitrate

Azidodithiocarbonic acid

Azidoethyl nitrate Azotetrazole (dry)

Butoxy carbonyl azide,

tert\* Bromine azide

Chlorine azide

Copper amine azide

Cupric azide

Cuprous azide

p-Diazidobenzene

1,2-Diazidoethane

1,1'-Diazoaminonaphthalene

Diazoaminotetrazole (dry)

Diazodinitrophenol (dry)

Diazidiphenylmethane

Diazonium nitrates (dry)

Diazonium perchlorates (dry)

1,3-Diazopropane

N,N'-Dichlorazodicarbonamidine (salts of) (dry)

Hydrazine azide

Hydrazoic acid solutions >10% Hydrogen azide

Iodine azide (dry)

Lead Azide (dry)

Mercuric azide

Silver azide (dry)

Tetraazido benzene quinone

Tetrazoyl azide (dry)

p-Xylyl diazide



Compounds Not Acceptable without Clean Harbors' Approval – unstable and potentially shock sensitive. NOT CHES Approved for shipment without prior approval

#### Picric Acid

Synonyms - 2,4,6-Trinitrophenol, Picronitric acid, Carbazotic acid, Nitroxanthic acid

**Picric Acid Hazards** - highly unstable and capable of explosive decomposition. It becomes increasingly shock, heat, and friction sensitive as it loses moisture. Must be >30% wet with visible water to be considered for approval. When in contact with incompatibles, Picric acid forms explosive salts. Incompatibles include metals, metal salts, ammonia, lime, concrete, plaster, oxidizers, and heat.

Required Forms - Clean Harbors Picric Acid Evaluation Form

Packing Requirements - Pack alone. Poly containers only. Code LRCT-D

#### NFPA Class 4 oxidizers

#### Compounds

- Tetranitromethane (P115)
- Ammonium perchlorate (D001) (<15 Microns in size 1.1 D Explosive)</li>
- Guanidine nitrate (D001)
- Hydrogen peroxide, stabilized (D001/D002)
- Ammonium permanganate (forbidden to transport)

**Class 4 Hazards** – potentially reactivity and shock sensitivity when contaminated or exposed to thermal or physical shock.

Required Form - Clean Harbors Class 4 Oxidizer Evaluation Form

Packing Requirements - Less than 10 pounds only. Pack alone. Code LRCT-O

#### Cylinders

**Gases** - All cylinders require evaluation and approval. Cylinder Hazards – Vary, numerous

Required Form - Clean Harbors Cylinder Evaluation Form

**Required Picture** – Clean Harbors requires a picture of both the cylinder and the valve.

**Packing Requirements** – Cylinders must be DOT stamped. They are their own shipping container. Leak test required. Valve caps required. Coding is case-by-case, assigned by the Self Pack Program or Technical Services upon approval.



#### **Borane -THF Complex**

Hazards – Borane-Tetrahydrofuran Complex is a clear, colorless liquid that reacts violently with water, moist air, alcohols and acids evolving large quantities of heat, flammable Hydrogen Gas and toxic Diborane Gas, resulting in fire, explosion, or dangerous pressures in sealed containers. Primary hazard is the potential for undetected decomposition and for the material to spontaneously rupture its container. Peroxide formation from THF is theoretically unlikely due to the presence of the Borane.

Required Form - Clean Harbors Borane-THF Complex Evaluation Form

**Packing Requirements** – Wrap cap with Parafilm. Ship with compatible material, LRCT-D.

#### Peroxide formers

**Peroxide Former Hazards** – shock sensitive compounds, can explode if subject to mechanical shock, intense light, rapid changes in temperature, or heat.

**Required Form** – Clean Harbors Peroxidizable Compounds Evaluation Form Packing requirements – Lab pack. Codes LCCRD or LRCTD.

#### **Examples of Peroxidizable Compounds**

#### **Group 1 Peroxide Formers**

CHEMICAL	SYNONYMS SYNONYMS	* DESCRIPTION * *	
Diethyl Ketene	2 ethyl 1 butene 1 one	Clear, colorless liquid	
Divinyl acetylene	n/a	Yellowish oil, liquid	
Divinyl Ether	Vinyl Ether, Divinyl Oxide	;Clear, colorless liquid	
Isopropyl ether	Diisopropyl Ether, Diisopropyl Oxide	Clear, colorless liquid	
Potassium Amide	Potassamide	Yellowish brown solid	
Potassium Metal	Potassium	Silver/White solid metal	
Sodium Amide	Sodamide	Gray/white crystalline	
Vinylidene Chloride	1,1,-dichloroethylene, 1,1-dichloroethane	Clear, colorless liquid	



#### **Group 2 Peroxide Formers**

CHEMICAL - CAL	SYNONYMS (A)	DESCRIPTION 432
Acetal	1,1 diethoxyethane, diethyl acetal	Clear, colorless liquid
Acetaldehyde	Ethanal, ethyl aldehyde	Clear, colorless liquid
Cumene	Isopropyl benzene	Clear, colorless liquid
Cyclohexene	1,2,3,4 tetrahydrobenzene	Clear, colorless liquid
Cyclopentene	n/a	Clear, colorless liquid
Decalin	Decahydronapthalene	Clear, colorless liquid
Dicyclopentadiene	Cyclopentadiene dimer	Clear, colorless liquid
Diethylene glycol dimethyl ether	Diglyme	Clear, colorless liquid
Dioxane	1,4 dioxane, diethylene dioxide	Clear, colorless liquid
Ethyl ether	diethyl ether, ethoxyethane	Clear, colorless liquid
Ethylene glycol dimethyl ether	Ethylene glycol dimethyl ether 1,2, dimethoxy ethane, glyme	
Furan	Divinylene oxide	Clear, colorless liquid
Methyl acetylene	Allylene, propyne	Colorless gas or liquid
Methyl cyclopentane	MCP	Light yellow liquid
Methyl-isobutyl ketone	Methyl-isobutyl ketone MIBK, Isopropylacetone	
Tetrahydrofuran	Butylenes oxide, diethylene oxide	Clear, colorless liquid
Tetrahydronapthalene	Tetraline	Clear, colorless liquid

#### **Group 3 Peroxide Formers**

: CHEMICAL	SYNONYMS	DESCRIPTION
1,3 butadiene*	Vinylethylene, divinyl	Clear compressed liquefied
Acrylic Acid*	2-Propenoic acid, vinyl formic acid	Clear, colorless liquid
Acrylonitrile*	Propenenitrile; Vinyl cyanide;	Clear, colorless liquid
Chlorobutadiene*	Chloroprene	Clear, colorless liquid
Chlorotrifluoroethylene*	Trifluorochloroethylene, genetone 1113	Compressed Gas
Methyl Methacrylate*	Propenoic acid, Methacrylic acid	Clear, colorless liquid
Styrene*	Vinylbenzene; Phenylethylene; Styrol	Clear to yellow oily liquid
Tetrafluoroethylene*	Perfluoroethylene	Compressed gas
Vinyl acetate*	Ethenyl acetate; Ethenyl ethanoate	Clear, colorless liquid
Vinyl acetylene	l acetylene Buten-3-yne	
Vinyl chloride*	Chloroethylene, ethylene monochloride	Colorless gas or liquid
Vinyl pyridine*	4-Ethenylpyridine	Yellow to brown liquid



#### Reactive Lithium Compounds

Required Form - Clean Harbors Reactive Lithium Evaluation Form (see Appendix B)

**Packing requirements** – Lithium must be under mineral oil and combo packed in inner poly drum (1H2) with steel outer drum (1A2). Reactive lithium can only be manifested to Clean Harbors El Dorado, AR facility and must ship there directly. Approval is required from the facility directly prior to shipment. Codes LITHL.

After the material has been evaluated on site and the appropriate evaluation form has been completed, please submit evaluation form with packing slips for approval. TechServices will review the evaluation form with you and make a determination as to whether or not the material is acceptable for shipment.

The evaluation form needs to ship on the drum with the packing slip. Contact TechServices with any questions or concerns during the approval process.

This is outside standard Self Pack scope. Work with local Account Manager or Customer Service Representative for more details.

#### 1.4 Other Waste Types

Clean Harbors can provide disposal for materials not referenced in these packing guidelines such as PCB waste, gas cylinders, bio-hazardous waste, bulk reactives, etc. If materials are encountered that are not included in this package, please call TechServices or your Clean Harbors Representative for disposal options.



Section 2
Packing Procedures



#### **PACKAGING**

#### 2.1 Shipping Containers

- Must be a UN approved & stamped container.
- Acids, batteries, oxidizers and metal reactive materials (sodium azide/picric acid) must be packed in poly containers.

#### 2.2 Packaging Material:

- Packaging material must be compatible.
- Vermiculite (a light weight inert absorbent) should be used as the primary packaging material (exception: "Polysorb" for hydrofluoric acid).
- Other types of packing material such as bentonite, clay based floor dry, oil absorbent, dry absorbent, sawdust or ground corn cob may be used with prior approval.
- Organic material such as ground corn cob is unacceptable as packing material for corrosive, oxidizing or reactive material.
- If vermiculite is not used as the packaging material, the type of packing material must be listed on each individual packing list.

#### 2.3 Physical Packaging:

All drums must use vermiculite as the absorbent\*. The vermiculite will cushion the inner containers to minimize the risk of breakage during transport and will absorb any liquid in the event of total failure of any or all liquid containers:

- Fiber drums must be lined with a 3 mil poly bag.
- Place a bed of absorbent on the bottom of the container, 3-4 inches for >5 gallon containers and 2 inches for a 5 gallon container.



- Cover each container layer with 2"-3" of absorbent.
- Fill the lab pack with alternating layers of containers and absorbent. All containers must be placed upright.
- Allow a minimum space of 4 inches of absorbent at the top of the container to prevent breakage during transportation.
- · Close and tightly secure the lid on the container.
- Attach DOT labels, markings and a detailed packing list in a waterproof packing envelope.
- \*Other suitable absorbent may be used with prior approval. Use polysorb for hydrofluoric acid.

#### 2.4 Maximum Allowable Volume/Weight per Container:

Container Type	Max volume liquids =		Max inner size**/
Cubic Yard Box CF	57 gallons	452 pounds	5.3 gallons
55 gallon DM/DF	20 gallons	452 pounds	5.3 gallons
30 gallon DM/DF	12 gallons	200 pound	5.3 gallons
20 gallon DM/DF	8 gallons	120 pounds	5.3 gallons
16 gallon DM/DF	6 gallons	80 pounds	5.3 gallons
10 gallon DM/DF	4 gallons	50 pounds	4 gallons
5 gallon DM/DF	2 gallons	25 pounds	1 gallon

<sup>\*</sup>Gross weight of a complete package may never exceed 452 pounds (49 CFR 172.12).

<sup>\*\*</sup> Maximum inner container weight is 50lbs for solids.

Category	Size Limitation		
Aerosols (LCCR-Q)	Max 20 ounces		
Aqueous treatment (LAT)	Max 5.3 gallons Min 8 ounces		
Azo/Organic nitrates/Multinitrated /Org oxidizers*	Max 1 pound(S) 4 ounces (L)		
Fuels Blending (LFB)	Max 5.3 gallons Min 1 pint		
Incineration (LCCR)	Max 5.3 gallons		
Landfill (LLF)	Max 5.3 gallons		
Reactives*	Max 5 pounds(S) ½ gallon(L)		
Small Containers/Vials	Bag or Overpack		
Pathological & RCRA/Pathological Commingled	Max 3 gallons (L)		

<sup>\*</sup>Call in for packing instructions when large amounts of these items are encountered. Customer specs/disposal facility specs may require special handling.



#### 2.5 Inner Containers:

The type and size of inner waste containers must be recorded on the packing list. The volume and quantity of waste within any container must also be indicated.

- All inner containers must be tightly sealed.
- Containers with dubious integrity or with missing caps must be overpacked in a rigid container.
- · Glass containers maximum of one gallon.
- Metal/plastic containers maximum of 5 gallons liquid or 50 lbs. if solid.
- All inner containers must be chemically compatible.
- Must be clearly marked to indicate contents.

#### 2.6 Packing List:

A packing list must be prepared for each outer container and must contain the following information.

- Container type, size and a unique number for each container.
- · Generator name and number.
- Hazard class and DOT proper shipping name.
- Lab pack group category.
- Type of absorbent, if absorbent other than vermiculite is used.
- Initials of chemists packing and date packed.
- When evaluation forms are required for a self-pack, a copy of each applicable form must be shipped with the packing list.



#### 2.7 Waste Description:

Each waste item must be fully and accurately identified. Each item must have a material description that properly denotes its chemical nature and ingredients or components. Generic or trade names are not acceptable.

- Complete chemical composition (name).
- Chemical name on the inner container must match the name on the packing list.
- Physical state (liquid, liquid/solid, solid, etc.)
- Detailed description of debris.
- EPA/state waste code where applicable.
- Type of 5 gallon container (metal/poly).
- Weight in pounds of all reactive materials.
- Indicate pH, flashpoint, SADT and attach MSDS's whenever possible.
- Indicate monomers inhibited, uninhibited or "reacted out"
- Indicate puncture hazard such as broken thermometer, ampules, and sharps.
- Percentage of materials in mixture.
- Organic Peroxides must list percentage of dilutent and the dilutent Material.
- All Oxidizer lab packs must have the highest NFPA Oxidizer class noted on the packing sheet. If not applicable, please note this.



#### 2.8 Labeling and Marking:

All lab packs must be labeled per US DOT requirements. All drums must be marked to comply with 40 CFR Part 262.32 and must identify the generator. All outer containers must be labeled or marked with the following:

- Hazardous (yellow), Non-RCRA regulated (blue), or non-hazardous waste label (green).
- DOT shipping label as specified in column 6 of the hazardous materials table.
- Detailed packing list (cylinder information, evaluation forms, organic peroxide information must be attached to each container in a waterproof packing envelope.
- Hazardous, Non-RCRA/DOT, and non-hazardous wastes must include N.O.S. descriptors in the shipping description on manifest and on the container label.
- Drum ID number Clean Harbors' code preceded by the container # (e.g. #25 LAT-A, #26 LCCR-A etc.) must be indicated on the packing list.

SECTION 3:
PACKING CATEGORIES



## LLF: Lab Pack for Landfill

Acetates and other inorganic/organic salts

Adepic Acid Albumin

Albumin Carbonate

Aldehydes (Laureal Aldehyde, etc.) (<pt.)

Amino Acids Aminophenol Ascorbic Acids Benzaldehyde Bitartarate

Carbon Black \*\*\* Charcoal (charcoal is a

4.2 material and may not be shipped LLF)

Cellulose

Chloropthalic Acid

Clay

Cobalt Oxide Copper Carbonate Diaminobenzidene Diatomaceous Earth Diphenyl Amine Dodecyl Acetate (<pt)

EDTA & salts

Ethylene Glycol Dibutyl Ether (<pt)

Fatty Acids Glutannic Acid Glycerin (<pt) Glycols (<pt) Grease

Heavy Alcohols (Oleyl, Dodecyl, etc.)

Iron Oxide/Pyrites
Latex Based Resins
Maleic Acid

Maleic Acid Marble Chips

Methane Sulfonic Acid

Mica

Naphthalene Sulfonic Acid Neutral (organic based) Cleaner

Non EPA/RCRA/DOT regulated surfactants Non RCRA Regulated Alkaline Compatible

**Inorganic Solids** 

Non RCRA Regulated Alkaline

Contaminated Debris

Non Regulated Acid Compatible Inorganic Solids/Contaminated

Debris

Non Regulated Acid Contaminated

Debris

Oils/Glycols (<pt)

Oxalates (water insoluble)

Oxides/Carbonates/Tungstates Etc.

Palmitic Acid

Phenolic Resins (6.1)
Phenylene Diamine Solid
Phthaloyanine Dyes
Piperonyl Butoxide
Polyacetate Resins
Polyacrylate Resins
Polyamine Resins
Polybutylene Resins
Polycarbonate Resins
Polyester Resins
Polyol Resins
Polystyrene Resins

Polyurethane Resins (non-

combustible)

Polyvinyl Alcohol (PVA) Polyvinyl pyrollidone (PVP)

Phthalic Acid

Quaternary Ammonium Salts

Salicylic Acid

Silica/Silicon Dioxide Silicates (Al, Ca, Ni, Etc.)

Silicone Polymers Silicones (<pt) Stearates Steric Acid Succinic Acid Succinic Anhydride

Talc

Thiobenzoic Acid
Thiomaleic Acid

Trichloroacetic Acid (solid)

Tohric Acid

Toluene Sulfonic Acid

Zircon

- 1. Non-RCRA regulated material only
- 2. Liquids are acceptable
- 3. Contact TechServices when large amount of waste not specified on this list are encountered
- 4. Check all pesticides against carbamate listings



# LLFAS: Lab Pack for Landfill

### Division 9

Asbestos Gloves
Asbestos Ovens
Asbestos Piping
Asbestos Tiling
Ascarite
Friable Asbestos
Non-Friable Asbestos

- 1. Asbestos is an OSHA regulated substance that must be double bagged and wetted prior to handling by Clean Harbors personnel.
- 2. Bags not to exceed 80 pounds each.
- 3. Commercial products with fully encapsulated asbestos containing material such as roofing cement or tar may be packed in an LFB2, LLF-AS, or LCCR-N category. This material will not be regulated by the DOT unless it has an additional hazard associated with it (Ex. Ignitable adhesive containing asbestos).
- 4. Ship using a hazardous waste manifest and/or an asbestos waste manifest (for NESHAP regulated asbestos) using the following shipping name:

  RQ ASBESTOS, 9, NA2212, PG III (Friable Asbestos)
- 5. Asbestos must be manifested in cubic yards or cubic meters (yd3 or m3) one yd3 = approximately 3 x 55 gallon drums.
- 6. When large items such as asbestos doors, desks etc. are encountered- call CleanPack Technical Service for proper handling and pricing.
- 7. Label regulated asbestos containers with the yellow and black OSHA asbestos warning label in addition to the DOT class 9 diamond and EPA marking.
- 8. Check individual state training requirements before accepting any amount of asbestos.



# LAT: Lab Pack for Aqueous Treatment

## LAT-A: Lab Pack Acid & Acid Compatibles for Aqueous Treatment

#### Division 8

Aluminum (III) Chloride (Hydrated) - Solids

& Solutions

Aluminum (III) Bromide (Hydrated) - Solids

& Solutions

Aluminum Iodide (Hydrated) - Solids &

Solutions

Aqua Regia **OXY** 

Bifluorides (Inorganic Water Soluble)

Bisulfites (Acidic) RED

Chloroplatinic Acid

Chromic Acid Solution OXY

Chromic Fluoride - Solids & Solutions

Copper Chloride Ferric Chloride

Ferrous Chloride

Fluoro Phosphoric Acid

Hydrobromic Acid

Hydrochloric Acid

Hydroiodic Acid

Nitric Acid 50% or Less OXY

Nitric Acid Standard Solutions OXY

Phosphoric Acid Potassium

Bifluoride Potassium Sulfate

Selenic Acid (D002, D010)

Sodium Hydrogen Fluoride

Sodium Hydrogen Sulfate

Sodium Metabisulfite

Sulfuric Acid

Titanium Sulfate Solution

Vanadium Dichloride

Zinc Chloride Anhydrous

Zinc Chloride, Solution

Zinc Sulfate

#### Division 6.1

Arsenic Bromide

**Arsenic Solutions** 

Beryllium Bromide

Beryllium Chloride

Bervllium Iodide

Beryllium Sulfate

Barium Bromide

Barium Chloride

Barium Fluoride

Barium Sulfate- PG I & II

Cadmium Bromide

Cadmium Chloride

Cadmium Fluoride

Cadmium Iodide

Fluorosilicates

Lead Chloride

Lead Fluoride

Lead Fluorosilicate

Lead Sulfate

Lead Thiosulfate

Potassium Fluoride

Sodium Fluoride

## Other Acid Compatible Treatment Material

Stannous Sulfates RED

Phosphates - Acidic

Inorganic Fluorides (except HF)

Inorganic Chlorides

Inorganic Bromides Inorganic

Iodides Hydrazine Sulfate RED

- 1. Do not pack 'OXY' material with 'RED' & organic materials.
- 2. No mercury containing salts or solutions.
- 3. No ammonia/ ammonium compounds pack for incineration
- 4. No nickel compounds pack for incineration
- 5. No debris pack for incineration
- 6. No more than 5% complexing (chelating agents) EDTA, hydroquinone etc.
- 7. Material must be between ½ pint to 5 gallon size
- 8. Contact TechServices when greater than 20 lbs. of heavy metal solids are encountered



# LAT-B: Lab Pack Basic & Basic Compatibles for Aqueous Treatment

#### **Division 8**

Alkaline Cleaners (No Organics)
Alkaline Inorganic Waste
Alkaline Phosphate/Hypophosphite/Polyphosphate Solutions
Cesium Hydroxide
Calcium Oxide
Lithium Hydroxide
Potassium Hydroxide

Sodium Chlorite Solution (With > 5% Avail. Cl<sub>2</sub>) - **OXY** 

Sodium Hydroxide

Liquid bleach

Hypochlorite Solution - OXY

- Sodium Hypochlorite
- Lithium Hypochlorite

#### Division 6.1

†Antimony, Arsenic, Barium, Beryllium, Cadmium, Lead, Selenium Salts Vanadium Trioxide Sodium Oxalate

## Other Alkaline Compatible Material Suitable For Treatment

Sodium Sulfite (Ph 10.1) of Solution **RED**†Tungstates/Titanates/Carbonates/Bicarbonates/Hydroxides/Phosphates/
Phosphites/Hypophosphites/Borates/Vanadates
Alkaline Developers (with Hydroquinone)
Silver Based Developer

Bleach - OXY

- 1. Do not pack 'OXY' with 'RED' & organic material.
- 2. No mercury salts & solutions
- 3. No ammonia/ ammonium compounds pack for incineration
- 4. No nickel compounds pack for incineration
- 5. No debris pack for incineration
- 6. Bleach/hypochlorite and chlorite solutions must be packed in poly drums only Fiber/ cardboard drums are not authorized.
- 7. No more than 5% complexing (chelating agents) EDTA, hydroquinone etc.
- 8. Material must be between ½ pint to 5 gallon size
- 9. Contact TechServices when > 20 lbs. heavy metal solids are encountered.
- 10. † Water soluble salts only.



# **LAT-C: Lab Pack Organics for Aqueous Treatment**

## Division 8

Acetic Acid (D002) (Flash point >140 [glacial acetic acid must be packed LCCR-C]) Ascorbic Acid

### Division 6.1

†Antimony, Arsenic, Barium, Beryllium, Cadmium, Lead, Selenium Salts Acetates/Oxalates/Tartarates/Citrates
Antimony Lactate
Antimony Potassium Tartrate
Oxalates (Water Soluble)
Sodium Chloroacetate

## Others Organic Salts Suitable For Treatment

Acetates Citrates Fructose Glucose/Gluconates Lactates Lactose Oxalic Acid Sucrose Tartarates/Bitartrates Salicylates

- 1. Do not pack 'OXY' with 'RED' & organic material.
- 2. No mercury salts & solutions
- 3. No ammonia/ ammonium compounds pack for incineration
- 4. No nickel compounds pack for incineration
- 5. No debris pack for incineration
- 6. No more than 5% complexing (chelating agents) EDTA, hydroquinone etc.
- 7. Material must be between ½ pint to 5 gallon size
- 8. Contact TechServices when > 20 lbs. heavy metal solids are encountered.
- 9. † Water soluble salts only.



# LAT-O: Lab Pack Oxidizers for Aqueous Treatment

CAUTION: Many oxidizers are incompatible with other oxidizers (such as acidic and nitrate-bearing oxidizers [acid-base]). Use chemical knowledge or references to ensure compatibility.

## Division 5.1 Acidic compatible

Chromic Acid (Solid) Dichromates Hydrogen peroxide (< 30%) Perchlorates Permanganates Persulfates Inorganic Acidic Oxidizing Solutions

## Division 5.1 Alkaline compatible

Nitrates (EXCEPT Ammonium nitrate) Bromates Ceric Sulfate Chlorates Iodates Solid Bleach/hypochlorite solid

- n-Bromo-n-chlorodimethylhydantoin
- Calcium hypochlorite (cannot be packed with Isocyanuric acid based oxidizers)

### Comments:

- 1. Oxidizers must be packed in poly or metal with molded poly liner containers only.
- 2. Oxidizers are forbidden in wooden, cardboard, or fiber containers
- 3. No mercury salts & solutions
- 4. No ammonia/ ammonium compounds pack for incineration
- 5. No nickel compounds pack for incineration
- 6. No organic material/fine metal contamination.
- 7. No debris pack for incineration
- 8. Do not pack nitrates with acids
- 9. Do not mix ammoniated compounds with any form of bleach/hypochlorites.
- 10. Do not pack liquid or solid Calcium Hypochlorite w/ Isocyanuric acid oxidizers
- 11. Material must be between ½ pint to 5 gallon size
- 12. Metal Peroxide must be pack alone, see LRCT-O
- 13. No Pool Chemical Tablets Pool chemicals must pack as LCCR-O
- 14. Ammonium Permanganate is **FORBIDDEN** to transport per DOT
- 15. NFPA oxidizer classification must be listed on packing slip
- 16. Hydrogen Peroxide >30% must pack alone, see LRCT-O
- 17. Ammonium nitrate must pack alone, see LRCT-O

#### **Acidic Oxidizers**

Perchlorates
Persulfates
Permanganate

#### **Basic Oxidizers**

Chlorates Sulfates Nitrates



## LCCR: Lab Pack for Incineration

# LCCR-A: Lab Pack Acid & Acid Compatibles for Incineration

#### **Division 8**

Inorganic Acids/ Organic Waste Inorganic Acids / Spill Debris Nitric Acid >50% (not red fuming) OXY

#### Division 6.1

Ammonium Arsenate

Ammonium Fluoride

Ammonium Hydrogen Fluoride

Ammonium Hydrogen Sulfate

**Ammonium Vanadate** 

Cadmium

Ammonium Bromide

Hydrogen Fluoride/Hydrofluoric Acid (HF) \*

Lead Phosphate

Thallium Chloride

Thallium Iodide

Thallium Oxide

Thallium Selenide

Thallium (I) Sulfate

Thallium (II) Sulfate

Vanadium Pentoxide

Vanadyl Trioxide

## Others Acid Compatible Material

Silver Oxide

Silver Paper (Photographic)

Chromium, Silver Salts and Solutions Not Suitable For Aqueous Treatment

Hack Pillows Acidic

## Comments:

- 1. Do not pack 'OXY' materials with 'RED' & organics.
- 2. HF/ Hydrogen Fluoride/ Hydrofluoric Acid must be packed alone. See notes below.
- 3. No mercury/ asbestos
- 4. Vials containing acidic material must be overpacked in a poly 2 or 5 gallon pail prior to packing into the outer container.

## \*Hydrogen Fluoride/ Hydrofluoric Acid (HF)

- HF is required to be bagged and packed alone.
- Pack alone in poly containers with an inert, silica-free packing media such as Polysorb.
- The following medias should never be used:



- Vermiculite, Speedi-dri, Clay, kitty litter, sand, any organic or silica containing products.
- HF must be packed alone with "HF" written on the top lid of the container.
- HF is highly corrosive and is capable of being absorbed through the skin and
  destroying bone tissue. Like any chemical, caution should be taken when handling
  this material. Always ensure a supply of Calcium Gluconate is available when
  working with HF.

# LCCR-B: Lab Pack Basic & Basic Compatibles for Incineration

#### Division 8

Amine Based Cleaners
\*Ammonium Hydroxide
Alkaline Soaps & Detergents
Benzyl Dimethyl Amine
Cyclohexyl Amine
Organic Waste/ Alkaline Material
Triethanolamine
Triethylene Tetramine

# Other Alkaline /Alkaline Compatible Material

Benzidine Thioacetamide Thiourea Trypan Blue Nitrobenzamine

### Division 6.1

Acrylamide Aniline Arsenates/Arsenites Cyanide Solutions/Mixtures Sodium Cacodylate a-Napthylamine b-Napthylamine a-Napthyl Thiourea Nickel Cyanide Nicotine & Salts Phenacetin (p-Acetophenatidide) Phenyl Hydrazine Potassium Cupro Cyanide Thiocyanate Ferro/Ferri Cyanides Thiosemicarbazide Thallium Carbonate Thallium Oxide Toluene Diamine **Xylidines** 

- 1. Contact TechServices when large amount of heavy metal salts/cyanides are encountered.
- 2. No asbestos/ mercury
- 3. Do not pack ammonia with bleach/ hypochlorites
- 4. Bleach/hypochlorite and chlorite solutions must be packed in poly drums only Fiber/ cardboard drums are not authorized.



# LCCR-C: Lab Pack Organics for Incineration

### **Division 8**

Acetic Acid, Glacial

Allyl Isothiocyanate, stabilized

Acetyl Iodide

Acrylic Acid\*

Amyl Acid Phosphate

Bromoacetic Acid, Solution

**Butyl Acid Phosphate** 

**Butyric Acid** 

Butyric Anhydride

Crotonic Acid Liquid

Dichloroacetic Acid

1,4-Dichloro-2-Butene

Formic Acid

Inorganic Acid/Organic Waste

\*Maleic Anhydride

\*Trichloro/Trifluoro/Dichloroacetic Acid

\*Phthalic Anhydride

\*Propionic Acid

\*Ship as Waste Corrosive Solid

## Division 6.1 examples

Aldrin

Benzvl Bromide

Benzyl Chloride

Cresols (o-,m-,p-)

Cacodylic Acid

Chloracetic Acid, Liquid

Cresylic Acid

(O) 2-Chlorophenol

Dichloromethane (Methylene Chloride)

Dieldrin

P-Dichlorobenzene

Hexachloro Benzene (Perchlorobenzene)

Hexachloro-1,3-Butadiene

Lead Acetate

London Purple

Methylene Chloride Methyl Parathion Nitrobenzene p-Nitrophenol Pentachloroethane

Phenol (Pt or Less Liquids)

Phenyl Chloroformate

Resorcinol

Toluene Diisocyanate

# Other Regulated Organic Material

Bromoacetone (PIH ZONE B II)

Chlordane

Creosote

Chloronaphthalene

Ethidium Bromide

**Ethidium Bromide Contaminated Waste** 

Dichlorophenol Diethyl Phthalate Dimethyl Phthalate

Endrin

Endosulfan

Formaldehyde, with parts/ Formaldehyde

Heptachlor

BHC (Benzenehexachloride, a.k.a. Lindane)

Mitomycin C

1,4-Napthaquinone

Pentachlorobenzene

Saccharin & Salts

o-Toluidine Hydrochloride

## Other

Non-PCB Ballasts, Capacitors, Switches and/or additional articles

- 1. Caution- isocyanates are typically water reactive, do not pack with aqueous solutions.
- 2. Pack concentrated organic/mineral acid solutions separately
- 3. Fertilizers must be packed separate from all other materials, including pesticides.
- 4. Vials containing acidic material must be overpacked in a poly 2 or 5 gallon pail prior to packing into the outer container.
- 5. See code LRCT-B for Toxic, Division 6.1, PGI and reactive metal cyanides
- 6. NON-PCB Ballasts, Capacitors, Switches requested by generator to be landfilled using drum disposal code D80L



## LCCR-D: Lab Pack Flammables for Incineration

#### Division 3

#### Acidic

Acetaldehyde

Allyl Bromide (3, 6.1)

Allyl Chloride (3, 6.1)

Ally formate (3, 6.1)

Allyl Compounds (Flammable)

n-Butyl methacrylate

Diethyl Carbonate

Ethyl Acrylate, Inhibited

Ethyl Methacrylate

Flammable solvents <1 pint Isobutyryl Chloride (3, 8)

\*Methyl Methacrylate Monomer, Inhibited

#### **Alkaline**

**Butyl Mercaptans** 

Carbon Disulfide (3, 6.1)

Dimethylamine Solution

Dimethyl Sulfide

Dimethyl Ethanolamine

N, N-Dimethyl Formamide

Dipropylamine

Flammable Amines

Flammable Mercaptans (thiols) (3, 6.1)

Flammable Solvents/Alkaline Waste

Furfurylamine

Hexamethyleneimine (3, 8)

Methyl Amine, aqueous solution (3, 8)

Morpholine

2-Picoline

Piperidine

N-Propylamine Propyleneimine, Inhibited

(2- Methylaziridine)

**Pyridine** 

Pyrrolidine

Thiophene

#### Neutral

\*Acrylonitrile, Inhibited (3, 6.1)

Crotonylene

\*Diethyl Ether

Formalin Solutions (<Pt)

\*Furan (Furfuran, Tetrol)

Furfural (Furfuraldehyde)

Isocyanates (Flammable) (3,6.1)

Methacrylonitrile, inhibited

‡ Nitroethane/Nitromethane

\*Styrene (Solid acceptable for shipment)

\*Vinyl acetate

\*Vinyl pyridine

#### Division 4.1

ZIPPO Lighters (see Lighter SOP)

□Fusee (railway or highway)

Flammable Solids not D003

- 1. \* Peroxides Former or Monomer Peroxidizable or Polymerizable Compound Evaluation Form required. Contact Technical Services for information regarding potential peroxide formers and monomers.
- 2. ‡ Pack with neutral material only with excess amount of packing material
- 3. 

  □ Fusee (railway or highway) packing requirements:
  - Pack alone
  - No aerial flares or other signaling devices classified as explosive per DOT
  - 1A2 steel 5G pails rated for liquids must be utilized
  - Place Fusee in pail with water and allow to soak for minimum 1 hour.
  - After 1 hour Fusee must be broken in half, under water.
  - No more than 10 Fusees per 5G pail.
  - No more than 3 gallons water per 5G pail.
  - 1A2 5G pail must be overpacked into 16G drum or greater or 5G pail must be profiled.
  - Shipping description: NA1325, PGII. RCRA: D001



# LCCR-I: Lab Pack Required To Be Packaged Alone Per DOT

(May not be lab packed per 49 CFR 173.12(b)(3))

## PIH Zone A

Acrolein, inhibited (P003)

Allyl Chloroformate (allyl chloro carbonate)

Aziridine (ethyleneimine)

Bromine or Bromine solutions

Iron pentacarbonyl

Methyl Chloroformate

Methyl Chloromethyl Ether

Methyl Hydrazine

Methyl Isocyanate

Phenyl isocyanate (phenyl carbimide)

Sulfuryl Chloride

Trichloroacetyl chloride

### PIH Zone B

Acetone Cyanohydrin, stabilized

Allyl Alcohol

Arsenic Trichloride

Boron Tribromide

n-Butyl Chloroformate

sec-Butyl Chloroformate

Chloroacetaldehyde

Chloroacetonitrile

Chloroacetyl Chloride

Chloropicrin

Chloropivaloyl Chloride

Chlorosulfonic acid

Cyclohexyl isocyanate

3,5- Dichloro trifluoro -2,4,6-pyridine

1,1-Dimethylhydrazine (unsym)

Dimethyl Sulfate

Ethyl Chloroformate

Ethyl Dichloroarsine

Ethylene Chlorohydrin

Epichlorohydrin

Ethylene Dibromide a.k.a Dibromethane

Ethyl Phosphonothionic Dichloride, anhydrous

Ethyl Phosphonous Dichloride, anhydrous

Ethyl Phosphorodichloridate

Hexachloro Cyclopentadiene

Isobutyl Chloroformate

Methyl Bromide

Methyl Dichloroarsine

Methyl Iodide

Methyl Phosphonic Dichloride

Nitric Acid, red fuming

t-Octyl Mercaptan

Perchloromethyl Mercaptan

Trichloromethyl Sulfenyl Chloride

Phenyl Mercaptan (Thiophenol)

Phosphorous Trichloride

n- Propyl Chloroformate

Sulfur Trioxide

Thiophosgene

Trimethyl Acetyl Chloride

Trimethyoxysilane

- 1. DOT Special Permit is required for all "Zone A" materials
- 2. Contact TechServices when large amount of material is encountered
- 3. Combination packaging required per 49CFR173.226 and .227



## LCCR-N: Lab Pack Non-Hazardous For Incineration

This category is only to be used for jobs where non-hazardous incineration has been quoted or is required under the contract.

Adhesives (Non RCRA)

Aqueous Synthetic Cleaners

Driveway Sealer (Non RCRA)

**Empty Containers** 

Household Products (Non RCRA)

Inks (Non RCRA)

Joint Compounds (No Asbestos or Fiberglass)

Latex Paint

Non Regulated Pharmaceuticals

Petroleum Based Ink

Petroleum Based Wax

Polyethylene Based Wax

Polyacrylic Wax

Soaps

Water Based Ink

#### Comments:

- 1. No RCRA toxic or TCLP metals (no P, U, K, F, or D codes)
- 2. No organic solvents
- 3. No hazardous characteristics
- 4. No asbestos/ fiberglass
- 5. No isocyanates/ part-B resins

## LCCR-O: Lab Pack Oxidizers for Incineration

CAUTION: Many oxidizers are incompatible with other oxidizers (such as acidic and nitrate-bearing oxidizers [acid-base]). Use chemical knowledge or references to ensure compatibility.

### Division 5.1

Ammonium compounds\*

Organic oxidizers (pack separately from inorganic oxidizers)

Oxidizer Contaminated Debris

Pool Chemical Tablets

- 1. Oxidizers must be packed in poly or metal with molded poly liner containers only.
- 2. Oxidizers are forbidden in wooden, cardboard, or fiber containers.
- 3. Separate acidic and alkaline material.
- 4. See also LRCT-O for reactive oxidizers and NFPA class 4 oxidizers.
- 5. \*Ammonium Nitrate must pack alone as LRCTO
- 6. NFPA oxidizer classification must be listed on packing slip. See NFPA Oxidizer Class Ratings for NFPA class



## LCCR-P: Lab Pack Dioxin and Dioxin Precursors

#### **Division 3**

Flammable mixtures containing "penta" potential dioxin formers.

### Division 6.1

Sodium Pentachlorophenate (F027) Tetrachlorophenoxy Acetic Acid (F027) Trichlorophenol (F027) 2,4,5-Trichlorophenoxy Acetic Acid (2,4,5-T) (F027) Silvex (F027)

#### Comments:

- 1. Pack solids separate from liquids.
- 2. Generator must approve of Spring Grove (SG) inbound then Clean Harbors Canada-Ryley (RY) and Earth Tech (Canada) Inc. located in Swan Hills, Alberta (SE0780) for outbound facilities.
- 3. Gross weight of material must be recorded on CleanPack Job Sheet.

# LCCR-Q: Lab Pack Aerosols for Incineration

### Division 2.1 & 2.2:

Freon Based Aerosols
Lindane Based Rose Spray
Pesticide Based Aerosols
Petroleum Distillate Based Spray
Paints
Pyrethrin Based Bug Spray
Mace\*
Pepper Spray\*

- 1. Packing lists are required.
- 2. Separate aerosols containing fluorocarbons (over 20 cans).
- 3. F027 is not acceptable.
- 4. Do not use vermiculite.
- 5. Each aerosol container must be secured with a cap to protect the valve stem or the valve nozzle must be removed
- 6. \* Must be packed alone, ship as UN1950, Aerosols, 2.2.
- 7. If Aerosols are <66 pounds and the shipping name includes "limited quantities" then the words "INSIDE CONTAINERS COMPLY WITH PRESCRIBED REGULATIONS" not required on outside container. If container is >66 pounds would require "INSIDE CONTAINERS COMPLY WITH PRESCRIBED REGULATIONS" on outside container.



## LCCR-S: Lab Pack Scintillation Vials for Incineration

### **Division 3**

Toluene, xylene, or trimethylbenze based scintillation fluid Other solvent/alcohol based scintillation vials

### Division 6.1

Non-flammable/toxic scintillation cocktail

#### Comments:

- 1. Materials may not be radioactive by EPA/DOT
- 2. All shipments must contain a signed copy of the Scintillation Fluid Disposal Agreement Form
- 3. Material must be less than 0.002 microcuries per gram

# LCCR-U: Lab Pack Unknowns for Incineration

(Unknowns Chemist Certification Required – Contact your Regional CleanPack Coordinator for approval)

#### **Division 3**

- Acidic
- Alkaline
- Neutral

#### Division 4.1

## Division 4.2

### Division 4.3

- Acidic
- Alkaline

### Division 5.1

- Acidic
- Alkaline
- Neutral

## Division 6.1

- Cyanide containing unknowns
- Sulfide containing unknowns

## Division 8

- Acidic unknowns
- Alkaline unknowns

## Limitations:

1. Unknowns require completed fingerprint sheets along with completed packing lists



# LCCR-X: Lab Pack Non-Infectious Sharps for Incineration

## Non-D.O.T. regulated:

Injection syringes for resins/adhesives Unused needles

- 1. Must be non-infectious, not used on humans.
- 2. Syringes must be overpacked with a puncture resistant inner container prior to packaging in drums.
- 3. Materials to Deer Park must be profiled (D20R) with a non-infectious certification.
- 4. Materials are restricted from Chicago The state of Illinois views this material as Potentially Infectious Medical Waste [P.I.M.W.] and they may not be transported without special permits.
- 5. Contact TechServices for guidance on used or infectious materials.
- 6. Contact CPG prior to shipment for restrictions



## LRCT: Lab Pack Reactives for Incineration

# LRCT-A: Lab pack Reactive Acid & Acid Compatibles for Incineration

### **Division 8**

Aluminum Chloride

Aluminum Trichloride

Aluminum Trifluoride

Aluminum Tribromide

**Antimony Trichloride** 

Antimony Trifluoride

**Antimony Tribromide** 

Boron Trifluoride Solution

\* Perchloric Acid (50% or Less by Mass) (8, 5.1) OXY

Phosphorus Pentoxide

Selenium Oxychloride

Stannic Chloride

Tetrachlorosilane

Thionyl Chloride

Vanadium Tribromide

### Comments

- 1. \* Perchloric acid must be "packed alone"
- 2. Overpack/polybag these items before shipping.
- 3. Contact TechServices when large amount of reactive chemicals are encountered.
- 4. Any reactive PIH material should be packaged as LCCRI following packaging requirements per 49 CFR 173.226 & 173.227

## LRCT-B: Lab Pack Reactive Basic & Basic Compatibles for Incineration

## Division 6.1

Azides (Azide Evaluation Form Required)

Barium Sulfides

Beryllium Dust

Cadmium Sulfide

Calcium Sulfide

Dinitroaniline

Metal Cyanides (Sodium, Potassium, Lead, etc.)

### Pack materials below only with other approved azides

- Azides (Pack in poly containers only. No poly lined metal containers. Do not pack with metals or metal salts!!). Azide Evaluation form must be approved prior to shipment
- Azide Solution pH > 7 (Pack in poly containers only. No poly lined metal containers. Do
  not pack with metals or metal salts!!). Azide Evaluation form must be approved prior to
  shipment.



### **Division 8**

Ammonium Sulfide

Hydrazine, Hydrate, Anhydrous - RED (AG can accept in concentrations of <30%, <1-gallon, DE can accept < 20% 2<1-gallon, EL can accept > 50% < 1-gallon Max Size, > 1-gallon handled CBC)

Ammonium Polysulfide Solution - RED Potassium Sulfide Solution (>30% H20) - RED Sodium Sulfide Solution (>30% H20) - RED Sodium Hydrosulfide Solution (>25%) - RED

#### Other Alkaline Reactive Material

4-(2,4-Dinitroanilino) Phenol Chloro Dinitro Pyridine 2-(2,4-Dinitro Benzyl) Pyridine 2-(2,4-Dinitroethyl) Aniline 3,5-Dinitro-o-Toluaminde

### Comments:

- 1. Contact TechServices when large amount of reactive material are encountered
- 2. Azides Evaluation Forms are required for all azides prior to shipment
- 3. Pseudocyanides meeting definition of D003 may also be packed in this category.

## LRCT-C: Lab Pack Reactive Organics for Incineration

#### **Division 8**

Diisopropyl Fluorophosphate

Organic -oyl Chlorides, Non-Flammable Organic Silanes, Non-Flammable

Allyl Trichlorosilane
Amyl Trichlorosilane (Pentyl Trichlorosilane)
Anisoyl Chloride
Benzene Sulfonyl Chloride
Benzotrichloride (Toluenetrichloride / Phenyl Chloroform)
Benzoyl Chloride
Benzyl Chloroformate (Benzyl Chloro Carbonate)
Boron Trifluoride, Acetic Acid Complex
Boron Trifluoride Propionic Acid Complex (PGII)
Bromoacetyl Bromide
Butyl Trichlorosilane
Chlorophenyl Trichlorosilane C
Cyclohexenyl Trichlorosilane
Dibenzyl Dichlorosilane
Dichloroacetyl Chloride



## Division 6.1

Chlorodinitrobenzene(s)
Dinitro-o-Cresol, Solid
Dinitro-o-Cresol, Solution
o,m,p-Dinitrobenzenes, Solid/Liquid
Dinitrophenol Solutions (No Solids)
2,6-Dinitrotoluene
2,4-Dinitrotoluene

## Other Reactive Organic Material

Difluorodinitrobenzene

- 4,6-Dinitro-m-Benzene
- 2,4-Dinitro-1-Napthol Sulfonic Acid

Dinitroanisole

- \* 2,4-Dinitrobenzene Sulfonyl Chloride
- 2,4-Dinitrobenzoic Acid
- 3,4-Dinitrobenzoic Acid
- 3,5-Dinitrobenzoic Acid
- \*3,5-Dinitrobenzotrifluoride
- 3,5-Dinitrobenzoyl-n-Phenyl Glycine
- \*3,5-Dinitrobenzoyl Chloride
- 3,5-Dinitrobenzyl Alcohol
- \*3,5-Dinitrobenzyl Chloride 2,2-Dinitro Biphenyl
- 2,6-Dinitro-p-Cresol
- 2,4-Dinitrocyclohexyl Phenol
- \*2,4-Dinitrofluorobenzene 2,4-Dinitrosalicylic Acid
- 3,5 -Dinitrosalicylic Acid -Lead Salt (FORBIDDEN)

### Comments:

- 1. Do not wet these dinitro compounds, addition of water may liberate heat & toxic fumes and is strictly forbidden.
- 2. Do not pack concentrated acid material with neutral/ aqueous material (e.g. wetted polynitrated compounds)
- 3. Overpack/ polybag reactive acidic material
- 4. Contact TechServices when large quantity of reactive materials are encountered

# LRCT-D: Lab Pack Reactive Flammables for Incineration

### Division 3-Reactive Flammable Liquids

Flammable Chlorosilanes Flammable -Oyl Chlorides Methyl Trichlorosilane Organic Nitrates Collodion

# Division 4.1 Hydrophilic Material

Borneol

2-Amino 4,6 Dinitrophenol (Picramic Acid)

>20% Water by Mass



4-Nitrophenyl Hydrazine >30% Water by Mass

2,4-Dinitrophenyl Hydrazine >30% Water by Mass

1- Hydroxybenzotriazole, anhydrous >20% Water by Mass (<20% Explosive) Dinitrophenol (>15% Water by Mass) Dinitronaphthalene (1,5- & 1,8- Isomers) 2,4-Dinitroresorcinol Hexamine

\*Picric Acid (>30% Water, defined by visible free flowing liquid)

Zirconium (>25% Water, Visible Excess)

## Division 4.1 Hydrophobic

Cerium, Slabs, Ingots & Rods
Decaborane
Metal Powders (Bismuth, Boron, Iron Etc.)
Metal Resinates
Phosphorous, Amorphous (Red)
Titanium Hydride
Zirconium Hydride
Organic Nitrates & Perchlorates
Collodion Solids
Parlodion Solids (Wetted >30% Water)
Nitrocellulose (Wetted >25%)
Nitrocellulose Film (Wetted >25%)

## Division 4.2, PGI \*\*

Aluminum Alkyl Halides
Aluminum Alkyl Hydrides
Aluminum Alkyls
Aluminum Borohydride
Diethyl Zinc
Magnesium Alkyls
Pentaborane
Phosphorous, White or Yellow
Titanium Trichloride

## Division 4.2 Hydrophobic PG II & III

Calcium Hydrosulfite (Dithionite)
Magnesium Diamide
Sodium Hydrosulfite
Sodium Methylate
Titanium Powder, Dry
Zirconium Scrap, Sheets, Strip or Wire

## Division 4.2 Hydrophilic PGII & III

Potassium Sulfide (Less Than 30% Water Of Crystallization) Raney Nickel Sodium Sulfide (Less Than 30% Water Of Crystallization)

# Division 4.3 - Water reactive\*\*\*

Aluminum Carbide Aluminum Hydride

Boron trifluoride dimethyl etherate Borane-THF Complex (Eval Required) Calcium Hydride Ethyldichlorosilane Magnesium Phosphide Methyldichlorosilane Thermite\$ Trichlorosilane

- 1. Call Technical Services when large amount of reactives are encountered
- 2. Cannot accept reactive lithium compounds through Self Pack program. See LITHL
- 3. Do not pack organic nitrates with other organic material (including other organic nitrates) Reference DOT book as many organic perchlorates are forbidden to transport.
- 4. \* Picric Acid Evaluation Form must be approved prior to shipment. Pack Picric Acid alone.
- a. Picric Acid synonyms include: 2,4,6-Trinitrophenol, Picronitric Acid, Carbazotic Acid, and Nitroxanthic Acid. Must have a visible water layer in order to ship.
- 5. Borane-THF Complex requires evaluation form and approval prior to shipment.
- 6. Alkali metals and Alkali Earth metals must ship as LA99H only.



- 7. \*\*4.2 PGI material must be packaged in a UN standard steel or plastic drum rated for packing group I performance for liquids and solids.
- a. Note that 4.2 PGI material is restricted from the Aragonite (AG) facility.
- 8. \*\*\* Note that CHES Aragonite may not accept 4.3 material in > 4.3 L inner containers.
- 9. \$Thermite must be packed alone in 1 lb. inner charge sizes when shipped to EL or AG as 4.3 material
- a. If shipped to DE Thermit must be 1 lb. charge sizes per outer container packed in sand.
- b. Thermite Igniters (Magnesium) packed separately under water Max 1-gallon charge EL/DE/AG shipped as 4.1 material.

# LRCT-O: Lab Pack Reactive Oxidizers for Incineration

CAUTION: Many oxidizers are incompatible with other oxidizers (such as acidic and nitrate-bearing oxidizers [acid-base]). Use chemical knowledge or references to ensure compatibility.

## Division 5.1 - Reactive Acidic Oxidizing Material

Perchloric Acid (Up To 72% by Mass)

- Forms explosive salts when contaminated with metals
- Keep separate from metals and metal salts.
- Do not package in metal container.

Hydrogen peroxide >30%

Peroxides (Superoxides) of Barium, Calcium, Cesium, Potassium & Sodium.

Urea Peroxide- Pack Alone

# Division 5.1 - Reactive Alkaline Oxidizing Material

Ammonium Nitrate (with not more than 0.2% combustible substances, per DOT) Pack Alone Comments:

- 1. Oxidizers must be packed in poly or metal with molded poly liner containers only.
- 2. Oxidizers are forbidden in wooden, cardboard, or fiber containers.
- 3. No organic contamination.
- 4. Contact TechServices when large quantity (>5lbs containers are encountered).
- 5. Tetranitromethane, Ammonium Perchlorate, Guanidine Nitrate, and Hydrogen Peroxide Stabilized must be packed alone in < 10 lb. charges and require Class 4 Oxidizer evaluation form and approval prior to shipment.
- 6. NFPA Oxidizer class must be noted in comment section. See NFPA Oxidizer Class Ratings for NFPA class

# **Division 5.2 - Organic Peroxides**

Benzoyl Peroxide
Butyl Hydroperoxide
Butyl Isopropyl Benzene Peroxide
Butyl Peroxy Benzoate
Cumene Peroxide
Dodecanoyl Peroxide
Etc. See 49CFR173.225



## Comments:

- 1. Reference Organic Peroxide Section 3 of CleanPack Manual for acceptable concentrations & proper shipping name.
- 2. Lab packing Organic Peroxides now permitted in Canada and U.S.
- 3. Pack all different organic peroxide types separately (e.g. Type C, Type D etc.)
- 4. Type A or B organic peroxides are not acceptable
- 5. Temperature controlled/ explosive material NOT acceptable.
- 6. Contact Tech Services to Technical Services when large quantity (>5lbs or 1/2 gallon size containers are encountered)
- 7. No organic contamination.
- 8. NFPA oxidizer classification must be listed on packing slip

# LRCT-Q: Lab Pack Reactive Compressed Gas Cartridge for Incineration

# Division 2.1, 2.2, 2.3:

Carbon dioxide cartridges

- \*Ethylene dioxide
- \*Methyl bromide Nitrous oxide Oxygen

Lighters – Butane Gas and BIC Lighters SP 13179 required when shipping. Must comply with all requirements listed in exemption. Consult SP 13179/Lighter Training Module.

- 1. \* PIH material, Zone C
- 2. Contact TechServices for special handling when large amounts of material is encountered.
- 3. Use vermiculite or other appropriate packing material.



# LA99H: Lab Pack Alkali Metals Kiln Ready for Incineration

### Division 4.1 and 4.3: Alkali Metals

Aluminum

Barium

Calcium

Cesium

Magnesium

\* Potassium

Rubidium

Sodium

Zinc

\*Forms peroxides – peroxide evaluation form required for all materials that can potentially form peroxides. See section 7 of the CleanPack Manual or contact Technical Services for information regarding potential peroxide formers.

#### Comments:

- 1. Cannot accept reactive lithium compounds through Custom Pack program. See LITHL
- 2. LA99H material must be manifested direct either AG or EL only

Clean Harbors Aragonite, LLC 1160 North Aptus Road Aragonite, UT 84029 EPA: UTD981552177 Clean Harbors El Dorado, LLC 309 American Circle El Dorado, AR 71730 EPA: ARD069748192

- 3. Maximum 5 pound of material per inner container
- 4. Solid material in any concentration must be packed under mineral oil. (Inside Lab Pack item as well as inner container)
  - a. Material must remain completely submerged within mineral oil, thus eliminating the potential of being exposed to air and moisture during shipment. If material is dry, contact Tech Services to determine how mineral oil should be added prior to shipping material. If situation requires further evaluation, contact H&S.
- 5. Free liquid (mineral oil) must be < 3gallons per inner container.
- 6. Outer container must be steel and UN rated for the packaged material
- 7. All void space in the outer container must be filled with vermiculite
- 8. Containers must be securely closed.
- 9. Waste containing un-oiled 4.3 metal powders that may present an airborne explosion risk must be referred to the HHRG for approval.
- 10. Broken Lithium batteries:
  - a. See LITHL



# LITHL: Reactive Lithium Lab pack for Direct Ship Pick-up

Examples

Elemental Lithium

Reactive lithium compounds

\*Broken Lithium Batteries

 Reactive Lithium Compounds cannot be approved through standard Self Pack process.

- 1. Cannot accept reactive lithium compounds through Self Pack program.
- 2. Reactive Lithium Compounds Evaluation Form required for all shipments.
- 3. Contact your local Account Manager or Customer Service Rep for more information
- 4. Manifest to Clean Harbors El Dorado ONLY.
  - a. Clean Harbors El Dorado, LLC
     309 American Circle El Dorado, AR 71730
     EPA ID # ARD069748192
     Phone # 870-863-7173



## LCCS: Lab Pack for Stabilization

## Acceptable material:

Arsenic Acid (H3ASO4) - P010 Arsenic Pentoxide (Arsenic Oxide AS2O5) - P011 Arsenic Trioxide (Arsenic Oxide AS2O3) - P012

### Comments:

- 1. Restrictions Final disposal is Lone Mountain (LG) or Buttonwillow (BL)
- 2. Restrictions Landfill disposal must be approved.
- 3. Restrictions Lone Mountain (LG) or Buttonwillow (BL) must be approved
- 4. LG- Lone Mountain will not accept Lab Packs. Must be profiled to LG or sent as lab pack to Reidsville (RD)

# LCCSR: Lead Metal for Recycling

## Acceptable material:

Lead - ingots, sheets, aprons, etc.

## **Preferred Final Disposal Facilities**

(TO0148) Retrieve - Ohio Kinsbursky Brothers Inc (KI0181) ECS Refining-CA (ECS0121)

### Secondary Final Disposal Facilities

ECS Refining-TX (EC0071) - Cannot accept D008
Advanced Env Recycling Corp (AERCPA)
Inmetco (INMETC)
Exide Batteries - GNB (GN1204) - Cannot accept D008
Newalta Industrial Services Inc (NOV075, or NOV1372 if in Canada)
Falconbridge Limited - Brunswick Smelter Canada Only! (FA0664)

- 1. D008 does not apply for scrap lead being recycled per 40 CFR 261.6(a)(3)(iii).
- 2. Lead metal only. No solutions or compounds.
- 3. Restrictions- Lead recycling outlet must be approved.



# LFB: Lab Pack for Fuels Blending

# LFB1: Lab Pack for Fuels Blending

### Division 3

Acetone

Acetonitrile (Methyl Cyanide)

Alcohols: including but not limited to:

Butanol

Isobutanol

• Cyclohexanol

Ethanol

Isopropanol

Propanol

Methanol

**Amyl Acetate** 

Benzene

Butanol (N-Butyl Alcohol)

Butyl Acetate Cyclohexane Cyclohexanone Dichloropropane

Dichloropropene (1,3-Dichloropropylene)

Diisobutyl Ketone
Ethyl Acetate
Ethyl Benzene
Ethyl Butyl Ketone
Formaldehyde

Formalin (no animal parts)

**Furfural** 

Gasoline (D001, D018)

Heptane Hexane

Inks and toners

Isobutyl Acetate
Isobutyl Alcohol

Isobutyl Propyl Acetate

Isopropyl Acetate

Kerosene

Lacquer Thinner

Methanol

Methyl Acetate

Methyl Cyanide (Acetonitrile)

Methyl Ethyl Ketone Methyl Isoamyl Ketone

Methyl Isobutyl Ketone (U161)

Mineral Spirits Nitrobenzene Nitropropane, (2-)

Octane Octanol Oil

Pentanone

Petroleum Ether (naphtha)

Petroleum Oils

Petroleum distillate based...

Propyl Acetate Propylene Dichloride (1,2- Dichloropropane)

Toluene

Trichlorobromomethane

Trichloropropane

Xylene



# LFB1 - Lab Pack for Fuels Blending (continued)

#### Division 6.1

Alcohols: including but not limited to:

- glycols (ethylene and propylene)
- Phenol

Aniline

Butoxyethanol

Bromoform (Tribromomethane)

Carbon Tetrachloride

Chlorobenzene

Chloroform

Dichlorobenzene, (o-)

Dichloroethane

Perchloroethylene (Tetrachloroethylene)

Perchloromethane (Carbon Tetrachloride)

Petroleum oils (FP > 140F)

Phenol (solutions only)

Tetrachloroethane (1,1,1,2- & 1,1,2,2-)

Tetrachlorofluoromethane (Freon 111)

Tetrachloroethylene (Perchloroethylene)

Trichlorobenzenes, Liquid

Trichloroethane (1,1,1- & 1,1,2-)

Trichloroethylene (1,1,1- & 1,1,2-)

Trichlorotrifluoroethane (Freon 113)

Vegetable oils (excluding cashew oil)

Dichloromethane/Methylene Chloride

(Solutions with <20%)

Dimethylsulfoxide (DMSO)

Dipropylene Glycol Methyl Ether

Hexachloroethane

Ink and toners (non-flammable)

Kerosene (FP >140□ F)

Methylene Chloride (Solutions with <20%)

Nitroaniline

Nitrobenzene

Oil

# Other Material Suitable For Fuels Blending

Dibutylpthalate

m-Dichlorobenzene

Dimethyl Sulfoxide

Dipropylene Glycol Methyl Ether

Glycols

Hexachloroethane

Trichloropropane

Trichlorotrifluoroethane

- 1. Material in differing primary hazard classes must be packed separately
- 2. Material must be between ½ pint to 5 gallon size
- 3. pH must be between 4-10
- 4. Must have high BTU value
- 5. No high odor compounds (amines/thiols/mercaptans)
- 6. No solids
- 7. No peroxide forming compounds, see LCCR-D
- 8. No RCRA metals
- 9. No RCRA "P" listed wastes



## LFB3: Lab Pack Latex Paint for Recycling

## **Latex Paints**

Solids Semisolids Caulks Liquids

### Comments:

- 1. Only package LFB3 materials when specifically quoted or required per contract
- 2. Materials may be packaged in drums, cubic yard boxes or roll-offs (CYB and/or Roll-Offs Profiled)
- 3. DOT Special Permit is required for cubic yard boxes and roll-offs
- 4. No containers >5 gallons (no bulks or drums)

# LFB4: Lab Pack Oil Based Paint for Recycling

## Oil Based Paints

Solids Semisolids Caulks Liquids

## Examples:

Acetone or Toluene based Chromium, Cadmium or Lead based MEK or MIBK based Urethane, Shellac or Varnish Combustible Paints

# **Unacceptable Materials**

Auto paints Plasticizers
2 Part epoxies Creosote Resins
Wood preservatives Dioxins
Adhesives Bulk paint
Rubber based cement

- 1. Only package LFB4 materials when specifically quoted or required per contract
- 2. Materials may be packaged in drums, cubic yard boxes or roll-offs (CYB and/or Roll-Offs Profiled)
- 3. DOT Special Permit is required for cubic yard boxes and roll-offs
- 4. No containers >5 gallons (no bulks or drums)



## LPT: Paints and Paint Related Material

# LPTP: Processable Paints and Paint Related Materials for Fuel/Incineration

Examples:

Acetone based Chromium based Cadmium based

Lead based MEK based paint

MIBK based paint

Toluene based paint

Texture paints

Urethane

Combustible paint Thompson Water Seal

Shellac Varnish

Oil based paint

Petroleum distillate based paints

Urethane based paints

### Comments:

No packing lists required when the waste is profiled. 1.

2. No glass containers

3. No solid paints

4. No paints smaller than a pint

No PCBs (Marine, Swimming Pool, Bottom Paints, Automotive) 5.

6. No mercury compounds

7. No pesticides (Creosote, etc.) or herbicides

8. No Thinners or solvents. Must pack as LFB1 or LCCRD.

# LPTN: Non-Processable Paints and Paint Related Materials for Fuel/Incineration

**Examples:** 

Auto paints 2 Part epoxies

Creosote Wood preservatives

Adhesives

Rubber based cement

Plasticizers Resins

Acetone based ink

Acrylate resins

Epoxy resin Toners

Inks

Isocyanate based resins Methacrylate adhesives

Petroleum distillate based

Resins/Adhesives

Styrenes (non-peroxide forming) Toluene based resins/adhesives

Toners

Urethane based adhesives

## Comments:

1. Glass containers are acceptable

- 2. Material must meet the definition of paint or paint related material
- 3. Ensure containers are closed and non-leaking
- 4. No PCBs (Marine, Swimming Pool, Bottom Paints)
- 5. No mercury compounds
- 6. No pesticides or herbicides



# LCH: Lab Pack Polychlorinated Biphenyls (PCBs)

## LCHSL: Lab Pack PCBs for Secure Chemical Landfill

### Division 9

PCB oil (<50ppm PCB)

PCB contaminated debris (<50 ppm PCB Non-TSCA. Materials in contact w/PCBs >50ppm regardless of final ppm are regulated under TSCA and may not be landfilled)
TSCA Exempt PCB ballasts
TSCA Exempt PCB capacitors

#### Comments

- 1. TSCA manifest is not required
- 2. Proper shipping names:
  - RQ, Polychlorinated Biphenyls, Liquid, 9, UN2315, PGIII (TSCA Exempt Capacitor) or RQ, Polychlorinated, Biphenyls, Solid, 9, UN3432, PGIII (TSCA Exempt Capacitor)

    Manifest and packing slip must state material is TSCA exempt!
- 3. State waste codes may apply. Consult Chemist Handbook or CHOICE system
- 4. PCBs must be manifested in kilograms (K) on Hazardous Waste manifest and TSCA manifest. 1 kilogram = 2.2 pounds
- 5. Capacitors and ballasts which are less than 9 pounds in weight or contain less than 3 pounds of dielectric fluid are TSCA exempt & may be sent for secure chemical landfill. TSCA regulated material must be sent for incineration.
- 6. Oil containing less than 50 ppm PCB is not TSCA regulated, provided that PCB material >50 ppm have not been mixed with the oil and diluted to <50 ppm.
- 7. Material must be a hazardous substance to be a class 9 material (must meet RQ value) If the material does not meet the definition of a class 9 material, it is shipped as Non-DOT Regulated Material.

# **LCHSI: Lab Pack PCBs for Incineration**

#### Division 9

PCB Ballasts PCB Capacitors
PCB Contaminated Debris / Soil PCB Oil
TSCA Exempt PCBs (per customer request)

- 1. PCBS > 50 ppm
- 2. TSCA manifest or TSCA information on Hazardous Waste Manifest required.
- 3. All PCBs must have an out of service date. Out of service date and unique container number (serial # if transformer) must be listed on manifest and packing list! (Chemists may create and arbitrary drum/container number. Ex. 001,002,003)
- Proper shipping name:
   RQ Polychlorinated Biphenyls, Liquid, 9, UN2315, PGIII or
   RQ, Polychlorinated Biphenyls, Solid, 9, UN3432, PGIII



- Proper shipping name for PCB oil:
   RQ, Polychlorinated Biphenyls, Liquid, 9, UN2315, PGIII
- 5. RQ for PCBs is 1 pound.
- PCBs must be manifested in kilograms (K). 1 kilogram = 2.205 pounds
- 7. Capacitors and ballasts which are less than 9 pounds in weight or contain less than 3 pounds of dielectric fluid are TSCA exempt & may be sent for secure chemical landfill (Manifest and packing slip must state material is TSCA exempt!). TSCA regulated material must be sent for incineration.
- 8. Material must be a hazardous substance to be a class 9 material (must meet RQ value). If the material does not meet the definition of a class 9 material, it is shipped as Non-DOT Regulated Material.

## LCHSR: Lab Pack Mixed PCBs & RCRA Waste for Incineration

## **Division 3, 6.1, 8**

Acetone/ PCB Waste Heavy Metal/ PCB Waste Acid/ PCB Waste Alkaline / PCB Waste Paint Containing PCBs Solvent Containing PCBs

- 1. TSCA manifest or TSCA information on Hazardous Waste Manifest required.
- 2. All PCB waste must have an out of service date Out of service date and unique container number (serial # if transformer) must be listed on manifest and packing list! (Chemists may create and arbitrary drum/container number.)
- 3. No metallic mercury.
- 4. Proper shipping name: ex. Hexane containing PCBs RQ Waste Hexanes, 3, UN1208, II (Polychlorinated Biphenyls)
- 5. PCB must be checked off on LDR under California Listed Waste.
- 6. Manifest all PCB material on separate manifest line items from other waste streams.
- 7. PCBs must be manifested in kilograms (K). 1 kilogram = 2.2 pounds



# LCHG: Mercury / Mercury Bearing Materials

# LCHGM: Elemental Mercury for Long Term Storage in U.S. (By Approval Only)

### **Division 8:**

**Elemental Mercury ONLY** 

## Comments:

- Must have Clean Harbors Phoenix (PH) approved.
- Do not use this code unless quoted or authorization is given by Tech Services.
- LCHGM is strictly for Free Flowing Elemental Mercury. Mercury salts and solutions including debris contaminated with mercury salts and solutions should be packaged LCHG4 or 5.
- Mercury and materials containing mercury can evolve vapors which are EXTREMELY TOXIC! Use extreme caution when working with these materials. Pack all broken mercury and mercury containing materials into vapor proof overpacks.

# LCHG1: Elemental Mercury for Treatment/ Stabilization

### **Division 8**

**Elemental Mercury ONLY** 

- Elemental mercury may not be exported directly from the U.S.
- Mercury to be treated in U.S. and shipped to Canada for stabilization
- Must have Clean Harbors Reidsville (RD) or Phoenix (PH) approved inbound and Bethlehem Apparatus (BTHLHM) approved outbound. Customer must also approve of landfill.
- LCHG1 is strictly for Free Flowing Elemental Mercury. Mercury salts and solutions including debris contaminated with mercury salts and solutions should be packaged LCHG4 or 5
- Mercury and materials containing mercury can evolve vapors which are EXTREMELY TOXIC! Use extreme caution when working with these materials. Pack all broken mercury and mercury containing materials into vapor proof overpacks.



# LCHG2: Lab Pack Elemental Mercury for Retort to U.S.

## **Division 8**

Mercury Metallic Devices
Thermometers
Barometers
Regulators
Manometers
Ignitron Tubes
Metallic mercury contaminated debris
Broken mercury devices
Elemental mercury contaminated materials

# LCHG2 Disposal Facilities and Acceptance Criteria:

- Mercury Waste Solutions (MERCWI) Union Grove, WI
  - Limited to D009 and U151 waste codes only when shipping as LCHG2.
- Veolia ES Technical Solutions, L.L.C. (SUP1402) Phoenix, AZ
  - Limited to D009 and U151 waste codes only when shipping as LCHG2.
  - No Hg salts.
  - No high pressure hydrogen relay switches.
- Veolia ES Technical Solutions, LLC (MIN133) Port Washington, WI
  - Limited to D009 and U151 waste codes only when shipping as LCHG2.
  - No Hg salts.
  - No high pressure hydrogen relay switches.
- Bethlehem Apparatus (BETHAP) Hellertown, PA
  - Limited to D009 and U151 waste codes only when shipping as LCHG2.
  - If packing full 55G drums, metal drums must be used.

- 1. LCHG2 is strictly for metallic mercury devices and metallic mercury contaminated materials. Mercury salts and solutions including debris contaminated with mercury salts and solutions should be packaged LCHG4 or 5.
- 2. Mercury and materials containing mercury can evolve vapors which are EXTREMELY TOXIC! Use extreme caution when working with these materials. Pack all broken mercury and mercury containing materials into vapor proof overpacks.



# LCHG4: Lab Pack Mercury Salts and Solutions for Retort in U.S.

#### Division 6.1

Mercuric Chloride
Mercuric Iodide
Mercuric Nitrate - OXY
Mercuric Oxide - OXY
Mercurous Nitrate - OXY
Mercurous Sulfate
Mercury Bisulfate

Mercury Salts Mercury Cyanide\* Mercury Perchlorate – OXY

### **Division 8 Acidic**

COD Waste - OXY Mercury Salts/Acidic Waste Mercury Contaminated Debris

## LCHG4 Disposal Facilities and Acceptance Criteria:

- Mercury Waste Solutions (MERCWI) Union Grove, WI
  - Limited to D001(ox), D002, D004-D011, U151, P092, K071, and K106 waste codes only
- Veolia ES Technical Solutions, L.L.C. (SUP1402) Phoenix, AZ
  - Limited to D001 (ox), D002, D004-D011, U151, and P092 waste codes only.
  - No high pressure hydrogen relay switches.
- Veolia ES Technical Solutions, LLC (MIN133) Port Washington, WI
  - Limited to D001 (ox), D002, D004-D011, U151, and P092 waste codes only.
  - No high pressure hydrogen relay switches.
- Bethlehem Apparatus (BETHAP) Hellertown, PA
  - Limited to D001(ox), D002, D004-D011, U151, K071, and K106 waste codes only
  - If packing full 55G drums, metal drums must be used.

- Mercury containing waste with any organics >500ppm (=.05%) including solutions with D001 for organic solutions must route LCHGI (Not LCHG2 or LCHG4)) - Check with Tech Services for disposal outlet. Do not ship as LCHG4.
- Sodium and Zinc Mercury amalgam waste must be spent and certified non-infectious in order to ship. If unspent and carries a D003 waste code it must be stabilized prior to shipment.
- Mercury and materials containing mercury can evolve vapors which are EXTREMELY TOXIC! Use extreme caution when working with these materials. Pack all broken mercury and mercury containing materials into vapor proof overpacks
- \*Mercury Cyanide is only acceptable in solution or in solid form in < 11b charges per outer container.
  - o Solid Mercury Cyanide must be packed alone
  - o Stablex Canada, Inc. (STABPQ) must be an approved disposal outlet for the customer.



# LCHG5: Lab Pack Mercury Salts and Solutions for Landfill to Canada

### Division 6.1

Mercury Potassium Iodide

Mercury Salicylate

Mercury Gluconate

Mercury Oleate

Mercury Diacetate

Mercury Phosphate

Mercurol

Mercury Cyanide\*

#### **Division 8**

Nessler's Reagent {8, (6.1)} (Sodium Hydroxide/ Mercuric Chloride/ [Iodide]) Corrosive contaminated debris

#### Comments:

- 1. Mercury containing waste with any organics >500ppm (=.05%) including solutions with D001 for organic solutions must route LCHGI (Not LCHG2 or LCHG4)) Check with Tech Services for disposal outlet. Do not ship as LCHG4.
- 2. Clean Harbors Thurso (TO), Clean Harbors Lambton (LB), and Stablex (STABPQ) must be approved.
  - CANADA must be approved!
- 3. Mercury containing waste with any organics >500ppm (=.05%) including solutions with D001 for organic solutions must route LCHGI (Not LCHG2 or LCHG4). Do not ship as LCHG4.
- 4. Sodium and Zinc Mercury amalgam waste must be spent and certified non-infectious in order to ship. If unspent and carries a D003 waste code it must be stabilized prior to shipment.
- 5. Mercury and materials containing mercury can evolve vapors which are EXTREMELY TOXIC! Use extreme caution when working with these materials. Pack all broken mercury and mercury containing materials into vapor proof overpacks
- 6. \*Mercury Cyanide is only acceptable in solution or in solid form in < 1lb charges per outer container.
  - a. Solid Mercury Cyanide must be packed alone
  - b. Stablex Canada, Inc. (STABPQ) must be an approved disposal outlet for the customer.

# LCHGI: Lab Pack High Subcategory Mercury for Incineration

- 1. Must be manifested to Clean Harbors Aragonite (AG) (El Dorado cannot accept).
- 2. Contact Technical Services for authorization
  - Mercury containing waste with any organics >500ppm (=.05%) including solutions with D001 for organic solutions must route LCHGI (Not LCHG2 or LCHG4) - Check with Tech Services for disposal outlet. Do not ship as LCHG4.



## LCY: CYLINDERS

\*\*All cylinders must be evaluated and pre-approved by Technical Services prior to shipment\*\*

\*\*Call (800) 282-0058 x5398 or 781-792- 5398 for evaluation review and approval\*\*

## LCY1-LCY13

- LCY1 Propane and MAPP Gas Cylinders for Recycling'
- LCY2 Refrigerant Gasses or Fire Extinguisher for Recycling\*
- LCY4 Inert or Calibration Gas Cylinders for Disposal
- LCY5 Corrosive Cylinders for Disposal
- LCY6 Flammable Cylinders for Disposal
- LCY7 Toxic Cylinders for Disposal
- LCY8 Toxic or Corrosive Cylinders for Disposal
- LCY9 Pyrophoric or Reactive Cylinders for Disposal
- LCY10 Highly Reactive or Toxic Cylinders for Disposal
- LCY11 Unknown Cylinders for Disposal
- **LCY12** Special Approval Cylinders for Disposal LCY13 Acetylene Cylinders for Recycling°

## \*(No Code LCY3)

- 1. All cylinders must be approved for shipment through CleanPack Technical Services.
  - o Completed Cylinder Evaluation Form accompanied by photos of the cylinder and valve required for approval
- 2. All cylinders must be accompanied by a Cylinder Evaluation From and a packing slip.\*
- 3. Ensure cylinder size, price, disposal code, and disposal outlet must be listed on the Cylinder Evaluation Form and packing slip
- 4. Cylinder evaluations are valid for 30 days only; Re-approval is needed if surpassed.
- 5. All cylinders must have valve cap or other valve protection, per DOT.
- 6. Cylinders cannot be rusted, cracked, bulging or leaking per DOT.
- 7. All cylinders must be leak tested and pass test prior to shipment.
- 8. Cylinders are their own DOT rated container and must be manifested as such. Correct container type is "CY" when manifesting. \*
- 9. Cylinders may be shipped in an open top drum with vermiculite to prevent movement during transit. The drum must remain open (do not reattach drum lid). Segregation rules still apply Do not mix hazard classes. Manifest drum and cylinders as "CY" with notation in section 14 of manifest stating cylinders are overpacked in drum.\*
- 10. Cylinders "MUST" have the original manufacturers label, tag, or stencil or a ~ \$350.00 sampling fee must be added to disposal cost of the cylinder. Fees will vary, verify with Technical Services.
- 11. CYHT and CYTN require profile and approval from LT Cyl Ops prior to shipment.



- 12. Propane and Acetylene for recycling should not carry a D001 per 40 CFR 261.2(c)(2)

  o If D001 is required Propane must ship as LCY6
- 13. \*Refrigerant gases and Fire Extinguishers are sent for re-use and are therefore not a solid waste and should not carry RCRA codes. If codes are required these must be sent as LCY6 for incineration
- 14. \*Cylinders marked DOT 39 NRC must be packed into a UN rated outer container, but manifested as "CY" with total number of cylinders packaged. The drum type would then need to be indicated in section 14 of the manifest. Only cylinders with exact same contents may be packed together.
- 15. See CP4001 Cylinder Evaluation and Shipping Guidelines for more information.
- 16. Expiration dates on Aldrich Sure packs are for distribution ONLY. Acceptable for shipment and disposal.
- 17. "Bubbler" Units.- If a "Bubbler"/Cylinder unit is a DOT rated container then that material may be shipped as the primary package. If the "Bubbler"/Cylinder in not a proper DOT rated container it must be overpacked into a DOT UN Rated drum meeting the proper performance packaging of the material that is being shipped. All DOT regulated material may be over-packed into appropriate 5 gallon thru 55 gallon UN rated containers.
- 18. "Bubblers/Cylinders containing a gas. (Very rare) would need to be overpacked within a DOT approved Cylinder Recovery Vessel (CRV) if the primary container is not DOT Rated...
- 19. Out of state generators Texas waste codes should read OUTS8011, OUTS801H, OUTS7011, OUTS701H depending on whether its and organic gas (801) or inorganic gas (701) . If shipped with NO RCRA codes then should have (1) listed last. (H) to be listed ONLY if RCRA codes are required for disposal.
- 20. ONLY HHW PROPANE IS EXEMPT FROM TECH SERVICE APPROVAL
  - o Eval form must still be completed.

## LCYMT - Empty and de-valved cylinders for disposal.

A cylinder is considered empty (LCYMT) if the following conditions exist:

- Cylinder has been purged of hazardous material and is de-valved.
- Cylinder has been purged of hazardous material and has a visible hole.
- Cylinder did not contain P-Coded RCRA waste.

- 1. Disposal Method is Landfill.
- 2. Acetylene cylinders are not acceptable.
- 3. "P" listed waste must be certified as triple-rinsed.
- 4. Must ship as Non-DOT Regulated



#### Cylinder Sizes

	Cylinder Size Table	
Abbreviation	Size	Measurements (diameter & length)
CYLE	Lecture bottle	3" x 13"OR 4"x 10"
CYSM	Small cylinder	4" x 24"
CYME	Medium cylinder	12" x 36"
CYLG	Large cylinder	16" x 56"
CYXL	Extra Large cylinder	20" x 64"
CYHT*	Half-Ton cylinder	30"x 52" OR 20"x 82"
CYTN*	Ton cylinder	24"x94" OR 30" x 82"

#### **Specialized Cylinders Instructions**

- \*Anhydrous Hydrogen Cyanide Cylinders\* These cylinders can become motion sensitive over time and should NEVER be moved or handled without first contacting the High Haz team. These cylinders require either an overpack to ship or onsite treatment. Do not handle these cylinders to evaluate under any circumstances.
- \*Phosgene Cylinders\* Per 49CFR 173.192 (c)(3) Phosgene cylinders may not contain greater than 150lbs of gas, and must pass an immersion leak test for no less than 30 minutes with certification prior to shipment. The test and certification are provided by CHES Reactive materials team. Contact Technical Services for guidance when a Phosgene cylinder is encountered.
- \*Zone A Cylinders\* Zone A cylinders require a vapor tight cap secured over the valve, prior to shipment, per 49CFR173.40(c)(2)&(3). If no cap is present the cylinder must be left onsite until one can be provided. In some instances we may be able to provide the customer with the required cap through our LaPorte cylinder operation. Contact Technical Services for guidance.
- \*Nitric Oxides Cylinders\* These cylinders must be approved to Clean Harbors LaPorte (LT) only. These are restricted from Clean Harbors Deer Park (DE) and there are currently no 3rd party disposal options available.



#### **Batteries**

#### LBLA: Lead-Acid Batteries for Reclamation to Preferred Outlets

#### **Division 8**

Car Batteries
Forklift Batteries
Lead-Acid Gel Cell Batteries
Lead-Calcium Batteries
Broken or Leaking batteries

#### Comments:

- 2. Disposal at preferred outlet: include, but not limited to Nova Lead (NOV075), Kinsbursky (KI0181), Retrieve (TO0148), or Advance Recycling (AD0433).
- 3. Materials may be shipped on a Hazardous Waste Manifest or a B.O.L.
- a. Waste Codes are not required when shipping LBLA on a Hazardous Waste Manifest provided the materials are going for recycling and material meets requirements for recyclable materials in 40 CFR 261.6 (Broken or Leaking batteries do not qualify).
- b. Waste Codes shall not be used when a B.O.L. is used.
- 4. No alkaline batteries.
- 5. Batteries may not be connected in series to one another (No two batteries may be connected by a common terminal or wire)
- 6. All terminals must be covered with duct tape or other insulator to prevent short circuiting per 49 CFR 173.159. (Other insulator to include spraying terminals with undercoating compound.)

#### LBLA2: Lead Acid Batteries for recycling to Non- Preferred Outlets

#### **Division 8**

Car Batteries Forklift Batteries Lead-Acid Gel Cell Batteries Lead Calcium Batteries Broken or Leaking batteries

#### Comments:

- 1. Disposal at non-preferred outlet: include, but not limited to AERC (AERCPA), or Superior (SUP1402, GLOBAL, ONYXFL, MIN133), etc.
- 2. Materials must be billed by the pound.
- 3. Batteries should be intact & non-leaking.
- 4. Materials may be shipped on a Hazardous Waste Manifest or a B.O.L.
- a. Waste Codes are not required when shipping LBLA2 on a Hazardous Waste Manifest provided the materials are going for recycling and material meets requirements for recyclable materials in 40 CFR 261.6 (Broken or Leaking batteries do not qualify).
- b. Waste Codes shall not be used when a B.O.L. is used.
- 5. No alkaline batteries



- 6. Batteries may not be connected in series to one another (No two batteries may be connected by a common terminal or wire).
- 7. All terminals must be covered with duct tape or other insulator to prevent short circuiting per 49 CFR 173.159. (Other insulator to include spraying terminals with undercoating compound.)

#### LBLA and LBLA2 Shipping Instructions

#### Wet Cells - Intact Lead-Acid Wet Cell Batteries - Large Quantity

Primary Method - Shipping on pallets for intact lead-acid batteries.

- 1. Place batteries on pallet.
- 2. Shrink wrap batteries to pallet.
- 3. Band batteries to pallet. (Poly-strapping is recommended)
- 4. All terminals must be covered with duct tape or other insulator to prevent short circuiting per 49 CFR 173.159. (Other insulator to include spraying terminals with undercoating compound.)
- 5. No stacking of batteries –Only 1 level of batteries per pallet
- 6. Use Hazardous Waste Manifest or B.O.L. as the shipping document.
- 7. The proper shipping description is:
- a. UN2794, Batteries, wet, filled with acid, 8
- 8. Use Non-RCRA Regulated (blue) label (or purple universal waste label if applicable) on opposing sides of the pallet. Two (2) labels per pallet.
- 9. Waste codes are not assigned.
  - o Check for state specific Universal codes if applicable.
- 10. DOT corrosive (8) diamond is required on opposing sides of pallet next to label. Two (2) per pallet.
- 11. The case of the material must be one of the following:
  - o Impregnated Rubber, Steel, Plastic; Inside wooden battery box.
- 12. Must manifest by NUMBER OF BATTERIES in section 10 and by type of battery casing (see examples above) in section 11. DO NOT manifest by number of pallets.
  - o Specify in parentheses number of pallets in section 14
- 13. Clean Harbors Profile number is required

#### Wet Cells - Intact Lead-Acid Wet Cell Batteries - Small Quantity

Secondary Method - Packing individually in poly containers and packing into poly drums for a small quantity of intact lead-acid batteries.

- 1. Use poly pails as inner container and poly drums as outer container only (NO METAL DRUMS WITH POLY LINER).
- 2. Insulate terminals with duct tape or undercoating compound (spray) per 49 CFR 173.159.



- 3. Batteries must be upright and packed 1 battery per inner container. Inner container may be 2 gallon or 5 gallon poly pails. Add vermiculite, and place lid on.
- 4. Place packed 2 gallon or 5 gallon poly pails into poly outer container (55 gallon or 30 gallon) and fill void space with vermiculite.
- 5. Individual batteries limited to 50 pounds each.
- 6. Total gross weight of the drum may not exceed 300lbs.
- 7. The proper shipping description is:
- a. UN2794, Batteries, wet, filled with acid,
- 8. Use Non-RCRA Regulated (blue) label on the container.
- 9. Waste codes are not assigned.
- 10. DOT corrosive (8) diamond is required.
- 11. Packing slips are required.
- 12. Shipping of 1 battery in a poly outer container is allowed.
- 13. When drums are pre-packed, top MUST be left off the drum and do not add vermiculite until QC'ed by Chemists/Driver prior to shipment. If not packed according to guidelines, drum is to be repacked. Drum cannot be shipped if not packaged to the guidelines.

#### Broken or Leaking Lead- Acid Batteries

- 1. Use poly drums only (NO METAL DRUMS WITH POLY LINER).
- 2. Only 1 battery allowed per outer container unless combo packing (1 battery per inner 2 gallon or 5 gallon pail and then packing into 30 or 55 gallon poly outer container).
- 3. Battery must be upright.
- 4. Insulate terminals with duct tape or undercoating compound (spray) per 49 CFR 173.159.
- 5. Double bag battery individually and seal bag
- 6. Place 2 inches of speedy-dry on the bottom of container.
- 7. Fill the remaining of the drum with vermiculite.
- 8. Battery limited to 50 pounds.
- 9. If combo packing, maximum gross weight of outer drum is 300 lbs.
- 10. The proper shipping description is:
  - o UN2794, Waste Batteries, wet, filled with acid, 8
- 11. Use RCRA Regulated (Yellow) label on the container.
- 12. Waste codes are assigned (D002, D008)
- 13. DOT corrosive (8) diamond is required.
- 14. Packing slips are required.
- 15. When drums are pre-packed, top MUST be left off the drum and do not add vermiculite until QC'ed by Chemists/Driver prior to shipment. If not packed according to guidelines, drum is to be repacked. Drum cannot be shipped if not packaged to the guidelines.



#### Gel Cells - Lead-Acid Gel Cell Batteries

- 1. Use poly drums only (NO METAL DRUMS WITH POLY LINER).
- In order for a battery to be shipped under this section it must be marked "NONSPILLABLE" or "NONSPILLABLE BATTERY" by the manufacturer. Otherwise it must ship as a standard lead acid battery subject to the above protocols.
- 3. The outer packaging must be plainly and durably marked "NONSPILLABLE" or "NONSPILLABLE BATTERY."
- 4. Batteries must be upright.
- 5. Insulate terminals with duct tape or undercoating compound (spray) per 49 CFR 173.159.
- 6. Place 2 inches of speedy-dry on the bottom of each drum.
- 7. Stacking of gel cells only is allowed provided 3 inches of vermiculite is used inbetween layers of batteries.
- 8. Fill the remaining of the drum with vermiculite.
- 9. Batteries limited to 50 pounds each.
- 10. Total gross weight of the drum may not exceed 300lbs.
- 11. The proper shipping description is:
- a. UN2800, Batteries, wet, non-spillable, 8
- 12. Use Non-RCRA Regulated (blue) label on the container.
- 13. Waste codes are not assigned.
- 14. DOT corrosive (8) diamond is required.
- 15. Packing slips are required.
- 16. When drums are pre-packed, top MUST be left off the drum and do not add vermiculite until QC'ed by Chemists/Driver prior to shipment. If not packed according to guidelines, drum is to be repacked. Drum cannot be shipped if not packaged to the guidelines.
- 17. Note Gel Cells may also be shipped in flexbins. Terminals must be taped. In flexbins, layering is allowed provided 3" of vermiculite is used in-between layers of batteries. Label flex bin with marking and DOT label (diamond) on opposing sides.



#### LBD: Mixed Batteries for Reclamation

#### Acceptable battery types:

Non-Mercury Alkaline Dry-cell

Nickel Cadmium, Wet cells (D002, D006)
Nickel Hydroxide Batteries
Nickel Cadmium Batteries (D006)
Nickel Iron Batteries
Rechargeable Ni-Cad Batteries
Non-Mercury Alkaline Batteries
Nickel Metal Hydride
Nickel Zinc

#### Comments:

- 1. No lead-acid, Mercury, Magnesium, or Lithium batteries
- 2. All batteries, must be insulated from each other or have ends taped to prevent short circuit per 49 CFR 172.102 Special Provision 130 and 173.159\*
  - \*Spent dry cell batteries ≤ 9V are exempt from the insulating/taping requirements provided they are shipped separately from other battery sizes and types. These batteries must fall under the description "Batteries, dry, sealed, n.o.s."
    - Note this exemption does not apply to those battery chemistries specifically covered by another proper shipping name.
- 3. Full 55G drums must be steel for dry cells, Poly acceptable for 5 thru 30G drums and full 55G of wet cells only
- 4. This code is to be used for all LPs unless quoted otherwise (see additional codes below)
- 5. When drums are pre-packed, top must be left off the drum and do not add vermiculite until QC'ed by Chemists/Driver prior to shipment. If not packed according to guidelines, drum is to be repacked. Drum cannot be shipped if not packaged to the guidelines.
- 6. Batteries may not be connected in series to one another (No two batteries may be connected by a common terminal or wire)
- 7. Proper shipping name will vary based on specific battery type. If assistance is required contact Tech Services at 781-792-5398
- 8. \*Alkaline batteries in Canada are exempt from the insulating/taping requirements provided that the batteries are not intended for export to the US.

## Additional LBD codes - only to be used if specifically quoted or if full 55G drums exist.

- LBD1 Alkaline batteries for reclamation (Mercury free-alk dry cell and carbon zinc only)
- LBD2 NiCad only (wet or dry cell)
- **LBD3** Nickel Metal hydride only
- LBD4 Other Nickel batteries (nickel zinc, nickel iron) LBD5 Magnesium batteries



#### Big Green Box (BGB) Program for Lithium Batteries

Lithium Batteries cannot be approved through standard Self Pack process. Contact your local Account Manager or Customer Service Representative for disposal options using the Big Green Box (BGB)

- Universal Waste Only, Profiled
- Must be acceptable for shipment via FedEx
- Batteries must be intact
- Batteries must be protected from short-circuiting with taped terminals and/or by placing individual batteries into plastic bags that are supplied with the box; clear packing tape is suggested so that the battery labels are visible for easy identification
- Limit of 43-LBS pounds of batteries per box
- Limit of 10-LBS of Primary Lithium (non-rechargeable) per box (special boxes are available for >10-LBS)
- No liquids allowed including but not limited to mineral oil and/or batteries containing a free-flowing electrolyte are not acceptable (i.e. wet cell, spillable or automotive batteries)
- Primary Lithium batteries containing more than 25 grams of lithium content are not acceptable
- Follow instructions included with box.

#### LCHG3: Alkaline/Mercury Batteries for Reclamation.

Alkaline dry cell Batteries containing Mercury Mercury Batteries Mercury Oxide Batteries Zinc-Air Battery Carbon Zinc Silver oxide

#### Comments:

- 1. Batteries must be intact
- 2. Preferred outlets: Mercury Waste Solutions (MERCWI), Superior (SUP1402, GLOBAL, ONYXFL, MIN133), AERC (AERCPA, AE0070, or MER2142), or Bethlehem Apparatus (BETHAP) must be approved
- 3. Full 55G drums must be steel, Poly acceptable for 5 thru 30G drums only
- 4. Do not mix batteries.
- 5. Batteries may not be connected in series to one another (No two batteries may be connected by a common terminal or wire)
- 6. All batteries, including alkaline, must be insulated from each other or have ends taped to prevent short circuit per 49 CFR 172.102 Special Provision 130 and 173.159
- a. \* Spent dry cell batteries ≤ 9V are exempt from the insulating/taping requirements provided they are shipped separately from other battery sizes and types. These batteries must fall under the description "Batteries, dry, sealed, n.o.s."
  - o Note this exemption does not apply to those battery chemistries specifically covered by another proper shipping name.
- 7. Proper shipping name will vary based on specific battery type. If assistance is required contact Tech Services



#### LLF Batteries for landfill- \*US Only\*

#### Acceptable battery types:

Non-regulated alkaline batteries (Mercury below regulatory limits or Non-mercury)

#### Comments:

- 1. Material must be Non-RCRA/Non-EPA regulated.
- 2. Approved outlets: Buttonwillow (BL), Lone Mountain (LG), Lambton (LB), Grassy Mountain (GM) or subtitle C or D landfill.
- 3. Spent alkaline batteries ≤ 9V are exempt from the insulating/taping requirements provided they are shipped separately from other battery sizes and types.
- 4. Proper shipping description is:
- a. Batteries, dry, sealed, n.o.s. (alkaline batteries)
- 5. Alkaline batteries in Canada must be sent as LBD1 for recycling.

#### **DEA Controlled Substances**

DEA Controlled Substances cannot be approved through standard Custom Pack process. Contact your local Account Manager or Customer Service Representative for more information **SECTION 4: FORMS** 



		Container ID=	٦
ther:		Disposal Code	1
	<del></del>	·	
			-
Quant	ity UOM L/9	S/G Waste Code(s	) = <u> </u>
			,
		.	
·			
			_
		·	
ent of this drum and t		act	tive, explosive or shock sensitive r





Work Order #	
Reviewed by:	
Date:	<u>.</u>
Approval #;	

### **Azide Evaluation Form**

Generator Name	Generator Code:
Generator Address:	Contact Name:
Generator Phone:	Contact Phone:
the container if necessary to gain access to the labeling in the containers. If you need to handle the containers to ge	2. いった、一、 ** というないできょうのないない。*** マンド の心臓ないたい、 ***があるから、 *** *** *** *** *** *** *** *** *** *
The following list outlines the Azide Chemical Fo Alkaline Earth Metal Azides Acyl Azides Alkyl Azides Aryl Azides Heavy Metal Azides Hydrazolc Acid	Section
Virgin/Sealed Material?  or Spent?  (Check or	<del></del>
Has the container ever been opened? (contirm with customer)	Yes No If Yes, enter the date opened:
Is the material Dry?	ne)
List all constituent(s) and their percentages:	
1Azide% 2	
3% 4	%
3% 4 5% 6	%
	e-like structures, dark solid masses or dried residue either
If in a clear container, what is the color of the material? _	
Has the container been under pressure, bulging, etc.? (Co	
Container Information	
Is the product in the original manufacturer's container? Y	es 🗌 No 🗌
Manufacturer: P	urchase Date:
Lot Number: E	xpiration Date:
Container size: V	olume/Weight remaining in container:
Container Type: Glass 🗌 F	Plastic Metal Other
L_1	Plastic
	Bulging Dented Other D
Storage Conditions (confirm with customer):	
Stored or spilled on metal?	N Unknown
Spilled and placed back in container?	N Unknown
In contact with a spatula or scoop which may have been contaminated?	N Unknown
For approval, contact Technical Services: Phone (80 Fax (7.8	





Work Order #	
Reviewed by	
Date:	
Approval #:	

### NFPA Class 4 Oxidizer Evaluation Form

Generator Name:			Genera	ator Co	de:					-
Generator Address:	•		Contac	t Name	<b>e</b> ;					
Generator Phone;			Contac	t Phon	e:					
Important! Upon discovering ai the container, if necessary to gain the containers. If you need to ha	n access to the labe	ling	informatio	n You	ı should ma	ike e	very att	empt	not to h	nandle andle
should be a to the state of the second of th	Shipping Description	₹10°300000	Zairen van Station in Ver	Market A S.C.	arii 1748 - 1	: "," &)	* ##ML **** **	. 00, 4183	CRA	" + ARTHROPOR
Tetranitromethane: (Colorless to pale yellow liquid)	UN1510, Waste Te	trani	tomethan	e, 5.1 (	6.1), PG 1, I	PBI Z	Zone B	[	P112]	
Ammonium Perchlorate*: (White powder)	UN1442, Waste Ar	nmo	nium Perd	chlorate	e*, 5.1. PG I	ľ		[	D001]	
Guanidine Nitrate: (White powder)	UN1467, Waste Gu	Janio	dine Nitrat	le, 5.1,	PG III			[	D001]	
☐ Hydrogen Peroxide >91% (Clear liquid)	UN2015, Waste Hy	/drog	gen Perox	ide, Sta	abilized, 5.1	, PG	-1	[	D001]	
If particle size is <15 microns; animoniu well in both cases, a manufacturer MSU determined to be an explosive per NEPA	S is required to determi	ne m	cron size ar	id shippii	ng information	prior	o approva	il. If th	e materia	lis
Virgin/Sealed Material?   or	Spent? [] (Check	one)								
Has the container ever been ope	ned? (confirm with cus	tome	r) Yes 🔲	No [	If Yes,	ente	the dat	e ope	ned:	
Is there any evidence of crystalli indication of contamination? Yes				tures, c	liscoloration	ı, sol	ıd mass	es or	any oth	er
Has the container been under pr	essure, bulging, etc	.? (0	onfirm with	custome:	r) Yes 🗌	No [	]			
Container Information			TANK!				74.22		76.79	
Is the product in the original man	ufacturer's containe	er?	Yes 🗌	No [		, m. 197	22, - , 419,11-1914			
Manufacturer:			Purchase	Date:				-		
Lot Number.			Expiration	Date:						
Container size:	·····		Volume/M	/eight r	emaining in	con	tainer:	•		
Container Type:	Glass		Plastic		Metal	<u> </u>	Other			
Cap Type:	Glass		Plastic		Metal		Other		Cork	
Condition of the container:	Rusted		Bulging		Dented		Other			
Storage Conditions (contirm with Was the material		- <del>-</del> -				an ex				
Subject to direct sunlight?	Y		N		Unknown	[				
Subject to thermal or physical sh	ock? Y		N		Unknown	(				
Mixed with incompatibles? (Alcoholydrocarbons, organics, amines, etc)	, I		N		Unknown	[				
For approval, contact Technic		S. 37	00) 282-0 81) 792-5	· 12	ct. 5398					



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2 93/3/8/2	is on Print	30° 40° 6
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_	 Reviewed by:
	Date:
	 Approval #:

## Peroxidable and Polymerizable Compound Evaluation Form

Generator Name:	. <u>-</u>		Genera	tor Co	ode:					
Generator Address:			Contact	Nam	e:					
Generator Phone			Contact	t Phon	re:					
Important! Upon discovering an item re the container if necessary to gain access the containers. If you need to handle the	s to the lat	eling	informatio	n. Yo	u should m	ake	every att	empt		
Virgin/Sealed Material?  or Spent?	Chec	k one)								
Has the container ever been opened? (a	onfirm with c	ustom	er) Yes 🔲	No	☐ If Yes	ent	er the dat	le op	ened:_	
Is the material inhibited*: Yes  No	☐ If s	o, wit	h what:				%			
'An inhibitor is a chemical that would be added to	the compour	id to h	elp prevent the	e forma	illon of peroxi	des o	r auto-polyr	nerizat	ion.	
Is there any evidence of crystallization, of Yes No If yes, describe:	cloudiness	, wis	o-like struct	ures,	ice-like stru	ictur	res, or any	y soli	d mass	es?
Has the container been under pressure,	bulging, e	tc ? /	Confirm with a	- custome	er) Yes 🔲	No				
Container Information				ded by modify		ings "Sh				takile.
Compound:										
is the product in the original manufacture	er's contai	ner?	Yes 🗌	No						
Manufacturer:			Manufactu	red D	ate:					
Lot Number:	. •.		Expiration	Date:						
Container size:			Volume/W	eight	remaining i	n cc	ntainer:			
Container Type:	Glass		Plastic		Metal		Other			
Cap Type:	Glass		Plastic	<u> </u>	Metal		Other		Cork	
Condition of the container:	Rusted		Bulging		Dented		Other		- Annews	
Storage Conditions (confirm with customer) Was the material.								おお除業		ng ngabi na 1963. Matana
Subject to fire?	Υ		N		Unknow					
Subject to thermal or physical shock?	Υ		N		Unknow	'n				
Subject to direct sunlight?	Υ		N		Unknow	'n				
Subject to fluctuations in humidity?	Υ		. N		Unknow	'n				
Subject to fluctuations in temperature?	Y		N		Unknow	'n				
Stored indoors?	Υ	. 🗆	N		Unknow	ยา				_
Stored outdoors?	Υ		N		Unknow	ก				
For approval, contact Technical Servi	والمتكافئة والأسارات	March 2	800) 282-0( 781) 792-5	4144.2.4	xt. 5398					





Work Order #	
Reviewed by.	
Date:	
Approval #:	

## Picric Acid (Trinitrophenol) Evaluation Form

Generator Name:	-		Genera	ator Co	de:		
Generator Address:			Contac	t Name	<b>9</b> :		
Generator Phone.			Contac	t Phon	e:		
Important! Upon discovering an item re the container if necessary to gain access the containers. If you need to handle the	to the lat	eling	informatio	on You	u should make	every attempt not to hand	
Virgin/Sealed Material?  or Spent?		Checl	k one)				
Has the container ever been opened? (c	onfirm with c	uston	er) Yes 🗀	No [	☐ If Yes, ent	ter the date opened:	
Is the material Dry?	tion? 🔲 (	Chec	k one)				
If in mixture, what is/are the constituent(	s) and per	centa	ages?				
1Picric Acid%	2				<u></u> %		
3	4			_	%		
5%	6				%		
*Picno acid may not be mixed with metals, metal s Reference manufacturers MSDS for complete list	alts, speed of	in, ve les	miculite, ami	nonia, lin	ne, basic/caustic i	material concrete or plaster.	
Is there any evidence of crystallization, on or on the container? Yes  \text{No }	loudiness	, nee	dle-like str				∍r
If in a clear container, what is the color of	f the solut	ion?			(Normal	is yellow to pale yellow/white)	_
Has the container been under pressure,	bulging, e	tc.? (	Confirm with	custome	r) Yes 🗌 No		
Container Information	it was	SEVH.	THE PARTY	MATE.	<b>11.2</b> 1.5 6		
Is the product in the original manufacture	er's contai	ner?	Yes 🔲	No [	J		
Manufacturer:			Purchase	Date:			
Lot Number:			Expiration	Date:			
Container size:			Volume/V	Veight r	emaining in co	ontainer:	
Container Type:	Glass		Plastic		Metal 🔲	Other 🗌	
Cap Type:	Glass		Plastic		Metal 🔲	Other Cork C	
Condition of the container:	Rusted		Bulging		Dented	Other 🗌	
Storage Conditions (confirm with customer) Was the material			j				
Stored on metal, concrete or plaster?	Y		N		Unknown		
Spilled on metal, concrete or plaster?	Υ		· N		Unknown		
Spilled and placed back in container?	Y		N		Unknown		
In contact with vermiculite?	Υ		N		Unknown		
In contact with speedi-dn?	Y		N		Unknown		
In contact with a spatula or scoop which may have been contaminated?	Υ		N		Unknown		
For approval, contact Technical Servi					ct. 5398		





## Customer Disposal Restriction Exemption Form

Services, Inc., I hereby authoriz	e Clean Harbors to dispose of(Waste Name and Quantity)
at the following location	in full compliance with all federal,
state, and local regulations. I a	cknowledge that this disposal facility is not currently
restriction is valid for:	. This exemption from the existing disposal
( ) one time only, or	
( ) one time only, or ( ) valid until further no	tice.
( ) valid until further no	
( ) valid until further no	tice.  ty to make this exemption on behalf of(Company Name)
( ) valid until further no	
( ) valid until further no also affirm that I have Authori	
( ) valid until further no also affirm that I have Authori (Signature)	



<u>CleanHarbors</u>
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#### **Cylinder Evaluation Form**

	Authorization
Approval Number:	
Disposal Facility:	
Disposal Code:	
Size:	
Drico.	

	M J	muci Lvaiu	ation I of th	Disposar Code
				Size:
			Į	Price:
		Generator	Information	
Generator:			Date:	
Address:			Chemists:	
Phone #:			Job#:	Manifest#:
		6.11.1		
Contents and concentrat	ion (mole %)	Cyunger	Contents	
Physical State -		⊕ Cor	npressed gas	© Non-pressurized gas
Total # of Cylinders Exa				2 Trong providence Euro
3 VIII 11 V3 D / 3	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		· · · · · · · · · · · · · · · · · · ·
		DOT Shippin	g Information	
PSN -				-
DOT Manufacturing S	pecification			······································
	<del></del>	EPA/RCRA	Information	
EPA Waste Codes:			Texas Waste Codes	;
· · · · · · · · · · · · · · · · · · ·		Physical Ch	aracteristics	
Is the cylinder DOT ship	opable? ∃Yes	ū No	External Condition	- □ Excellent □ Good □Poor
Valve appears workable				- ∃ Excellent ⊆ Good ⊆Poor
Outlet Threads Impaired	•		Outlet Plug?	⊡ Yes ⊡ No
Manufactures Label?	⊡ Yes		Regulator or Attach	ments? ☐ Yes ☐ No
Exceeds dent limitations	? I Yes	I No	Exceeds bulge limit	ations? □ Yes □ No
Leak test? (must be yes:	to ship) 🗦 Yes	E No	Pass leak test?	□ Yes □ No
Protective Valve Cover/	Cap? 🗅 Yes	⊙ No	Vapor tight cap if Z	one A 🕒 Yes 🖹 No
Dimensions (inches)-	Diameter	(exclude stand).	Length	(Excluded valve)
Cylinder size-	Lecture (CYLE)	Up to 3" dia, and 1	3" length or 4" dia. a	und 10" length
	Small (CYSM)	Up to 4" dia, and 2	4" length	
	Medium (CYME)	Up to 12" dia. and	36" length	
	Large (CYLG)	Up to 16" dia. and	56" length	
,		Up to 20" dia, and		
			52" length or 20" dia	
· · · · · · · · · · · · · · · · · · ·	Ton (CYTN)		94" length or 30" dia	
	*Bulk Containers	Require Profile an	d Specific UN# Ma	rkings/Placards
		Additional	Information	
External Markings, Colo	rs, Warnings, CGA	Valve #		
lf Phosgene, Leak Test &	k Certification per 4	9CFR 173.192 (c)?	🛚 Yes 🗓 No	
Test and Ce	rtification Complete			
	**If Test Complete	ed By Customer, S	end to Technical S	Services for Approval
Comments .				<del></del>
	<del></del>			
		······································		

Is Cylinder Acceptable for Shipment? [] Yes [] No If No Why Not?

Employee Signature Date

# Attachment 5 Directive to Monitor Acceptable Waste Codes



## Memo

To: Kimball Facility Coordinators and Compliance Guards

From: Jim Shields, Facility Operations Manager II

cc: Craig Markum, Lezah Saunders

**Date:** 12/18/18

Re: Acceptable USEPA Waste Codes

The waste acceptance process for the Clean Harbors Kimball Facility includes a quality assurance check of the USEPA waste codes listed on inbound Uniform Hazardous Waste Manifests and LDRs. Only waste codes that are listed on Part A of KP's RCRA Permit Application are acceptable to be incinerated at the Kimball facility. All other USEPA waste codes not found on the Permit Application would be considered unacceptable for incineration at this facility.

As a Clean Harbors facility we rely on the Central Profiling Group (CPG) and the appropriate WINWEB screens to help facilitate the waste acceptance process. As employees tasked with receiving the waste you provide a front line defense for identifying wastes codes that would be considered unacceptable.

If during the course of applying the initial check of waste codes you determine an unacceptable code has been applied you should immediately stop the receiving process. In order to facilitate a resolution, a line of communication must be opened with Kimball's Compliance Manager and should include but not be limited to, the generator's account manager (AM) or customer service representative (CSR) employed with Clean Harbors.

As a reference, a list of acceptable waste codes is included with the memo, please utilize the list during the acceptance process. If you should have any questions related to this memo please contact either myself or Lezah Saunders.

Thank you,

Jim Shields

## Clean Harbors Env. Services Inc. Kimball Facility "Acceptable USEPA Waste Codes"

U182 ×	U179 ×	U180 ×	U181 ×	U183 ×	U184 ×	U185 ×	U186 ×	U187 ×	U188 ×	
U190 ×	U191 ×	U192 ×	U193 ×	U194 ×	U196 ×	U197 ×	U200 ×	U201 ×	U203 ×	
U204 ×	U206 ×	U207 ×	U208 ×	U209 ×	U210 ×	U211 ×	U213 ×	U214 ×	U215 x	
U216 ×	U217 ×	U218 ×	U219 ×	U220 ×	U221 ×	U222 ×	U223 ×	U225 ×	U226 ×	
U227 ×	U228 ×	U234 ×	U235 ×	U236 ×	U237 ×	U238 ×	U239 ×	U240 ×	U243 ×	
U244 ×	U246 ×	U247 ×	U248 ×	U249 ×	U271 ×	U278 ×	U279 ×	U280 ×	U328 ×	
U353 ×	U359 ×	U364 ×	U367 ×	U372 ×	U373 ×	U387 ×	U389 ×	U394 ×	U395 ×	
U404 ×	U409 ×	U410 ×	U411 ×	U068 ×	U064 ×	U066 ×	U067 ×	U069 ×	U070 ×	
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U103 ×	U105 ×	U106 ×	U107 ×	U108 ×	U109 ×	U110 ×	U111 ×	U112 ×	U113 ×	
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U124 ×	U125 ×	U126 ×	U127 ×	U128 ×	U129 ×	U130 ×	U131 ×	U132 ×	U133 ×	
U134 ×	U135 ×	U136 ×	U137 ×	U138 ×	U140 ×	U141 ×	U142 ×	U143 ×	U144 ×	
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U177 ×	U178 ×	P093 ×	P088 ×	P089 ×	P092 ×	P094 ×	P095 ×	P096 ×	P097 ×	P098 ×
P099 ×	P101 ×	P102 ×	P103 ×	P104 ×	P105 ×	P106 ×	P108 ×	P109 ×	P110 ×	P111 ×
P112 ×	P113 ×	P114 ×	P115 ×	P116 ×	P118 ×	P119 ×	P120 ×	P121 ×	P122 ×	P123 ×
P127 ×	P128 ×	P185 ×	P188 ×	P189 ×	P190 ×	P191 ×	P192 ×	K113 ×	K110 ×	K111 ×
K112 ×	K114 ×	K115 ×	K116 ×	K117 ×	K118 x	K123 ×	K124 ×	K125 ×	K126 ×	K131 ×
K132 ×	K136 ×	K141 ×	K142 ×	K143 ∞	K144 ×	K145 ×	P198 ×	P194 ×	P196 ×	P197 ×
P199 ×	P201 ×	P202 ×	P203 ×	P204 ×	P205 ×	U001 ×	U002 ×	U003 ×	U004 ×	
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U059 ×	U060 ×	U061 ×	U062 ×	U063 ×	D040 🗷	D037 ×	D038 ×	D039 ×	D041 ×	

## Clean Harbors Env. Services Inc. Kimball Facility "Acceptable USEPA Waste Codes"

D042 ×	D043 ×	F001 ×	F002 ×	F003 ×	F004 ×	F005 ×	F006 ×	F007 ×	F008 ×	K150 ×
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P074 ×	P075 ×	P076 ×	P077 ×	P078 ×	P082 ×	P084 ×	P085 ×	P087 ×	F012 ×	F009 ×
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D028 ×	D029 ×	D030 ×	D031 ×	D032 ×	D033 ×	D034 ×	D035 ×	D036 ×		

## Attachment 6

Container Tracking and Manifests Listed in Attachment 3

#### WSDRUM - Drum Viewing

Drum; 61959597	Inventory Mgt #:		Customer Drum #:	Company of the compan
Manifest Company: KP	SO Branch: ETW Sa	les Order #: 1705753833	Load #:	B1711131
Manifest Number: 003456976FLE	Manifest Line:	1	Lot #:	23895691
Manifest Status: PR	Manifest Page:	1	Shipment Type:	BULK
Profile: A22K-INT-AIR	UN / NA:	UN3082	Final Code Date:	11/29/2017 6:17:59 PI
Pre Waste Class: A22K	Testing Waste Class:	A22K	Processing Waste Class:	A22K
Date Received: 11/29/2017 12:05:01	Restrictions:	N	Billing Waste Class:	A22K
Container Size: 1	Container Type:	TT	Processing Status:	YES
Original Quantity: 46020	Current Quantity:	0	Quantity UOM:	LBS
Drum Weight: 46020	Weight UOM:	LBS	Tare Weight:	0
PCB Type:	Out of Service:		Serial #;	
enerator Company: ETW	Generator Date:	11/13/2017	Generator EPA #:	WAD981769110
Area:	Location:	KP	Initial Tracking Date:	11/13/2017 1:42:33 PI
Processing Type: Pump Leanwater				
Customer Batch #				
Off-spec Reason:	Comments:	we brown liq FL17110508 B1711131	MFG SKU:	
Waste Numbers:				
D001;D035;F005;OUTS204H				
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1 1 0.	Pransporter 1 Company Name	Belt Line Railway					U.S. EPAID		3467	080	
	Transporter 2 Company Name						U.S. EPA ID		792	910	
C 2 K	247 South Highw imball. NE 69145	ironmental Services, I av 71	nc.				U.S. EPA IO	Number	723		
9a.	9b. U.S. DOT Descriptio	n (including Proper Shipping Name,	Hazard Class, ID Number,		10. Con	tainers Type	11. Total Quantity	12. Unit		3. Waste Coo	des
1	RQ, UN3082, V SUBSTANCES,	NASTE ENVIRONMEN LIQUID, N.O.S., (MET)	TALLY HAZARDO	DUS INE), 9, PG	001	TT	04519	G	U004	U012	
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	4.										
14.	Special Handling Instructions	and additional Information	TT2	seal 5 16:	10m; 20	Ste Stell	Contained IN CASE ( CONTACT (1.800.64	1.800	EMERG	ENCY, F	
	GENERATOR'S/OFFEROR marked and labeled/placard Exporter, I certify that the co I certify that the waste minim	"S CERTIFICATION: I hereby declar ed, and are in all respects in proper intents of this consignment conform to hization statement identified in 40 CF	are that the contents of this condition for transport account to the terms of the attached	consignment are ful ording to applicable in d EPA Acknowledgm e quantity generator	international and na ent of Consent. ) or (b) (if I am a sn	ational govern	mental regulations.				
	erator's/Offeror's Printed/Type istina Beebe	ed Name		Signature	Bal	21				onth Day	
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Trans	spirite 2 Printed/Typed Name			Signature	juu		0		V <sub>M</sub>	onth Day	y Year
18.0	Discrepancy	NIA									
18a.	Discrepancy Indication Space	Quantity	Туре		Residue		Partial Reje	ction		Full Re	jection
18b. /	Alternate Facility (or Generate	or)			Manifest Reference	e Number:	U.S. EPA ID N	umber	****		Mr.
	ry's Phone:			-							
18c. 5	Signature of Alternate Facility	(or Generator)							M	onth Da	v Year

PA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

Day

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

1. H040

Please (	print or type. (Form designed for use on elite	(12-pitch) typewriter.)	1 00 D	T 66 **- **		Form	n Approved. OMB No	2050-0039
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	(Continuation Sheet)	WAD 98/769/10	12		0345	477	6740	
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24	Transporter 4 Company Name				U.S. EPAID	Number		
	Cifes	n Harbert Fred Sortie	> Zox		1/1/	727	15 3792	70
27a	27b, U.S. DOT Description (including Proper Shi	pping Name, Hazard Class, ID Number,	28. Contain		29. Total	30. Unit	31, Waste Code	
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36. H	azardous Waste Report Management Method Code	es (i.e., codes for hazardous waste treatment, disposal, and rec	ycling systems)					
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A Form	8700-224 (Rev. 3-05). Previous editions are	abadata	DESIG	VATED EA	CILITY TO D	EQTINAT	ON STATE (IF RE	OURED



## Land Disposal Restriction Notification Form

Page: 1 of 1

Printed Date: Nov 13, 2017

Generator: Emerald Services, Inc Address: 1825 Alexander Avenue Tacoma,WA 98421  EPA ID #: W A D 9 8 1 7 6 9 1 1 0  Line Item: Page No: Profile No: Treatability Group: LDR Disposal Category  1.   1   A22K-INT-AIR   NON-WASTEWATER   2 (This is subject to LDR.)  EPA Waste Code  D001  EPA Waste Code  D005  Toxicity Characteristic for Arsenic  Toxicity Characteristic for Cadmium  D006  Toxicity Characteristic for Cadmium  D007  Toxicity Characteristic for Lead  Low Mercury, not RMERC Residues  D010  Toxicity Characteristic for Selenium  Toxicity Characteristic f
EPA ID #: W A D 9 8 1 7 6 9 1 1 0  LINE ITEM INFORMATION  Line Item: Page No: Profile No: Treatability Group: LDR Disposal Category  1. 1 A22K-INT-AIR NON-WASTEWATER 2 (This is subject to LDR.)  EPA Waste Code EPA Waste SubCategory  1. Indicate the subject to LDR.  EPA Waste SubCategory  Ignitables, except High TOC Liquids  Toxicity Characteristic for Arsenic  Toxicity Characteristic for Barium  Toxicity Characteristic for Cadmium  Toxicity Characteristic for Chromium  Toxicity Characteristic for Lead  Low Mercury, not RMERC Residues  Toxicity Characteristic for Selenium  Toxicity Characteristic for Silver  Light Ends Subcategory
LINE ITEM INFORMATION  Line Item: Page No: Profile No: Treatability Group: LDR Disposal Category  1. 1 A22K-INT-AIR NON-WASTEWATER 2 (This is subject to LDR.)  EPA Waste Code EPA Waste SubCategory  D001 Ignitables, except High TOC Liquids  Toxicity Characteristic for Arsenic  Toxicity Characteristic for Barium  D006 Toxicity Characteristic for Cadmium  Toxicity Characteristic for Chromium  Toxicity Characteristic for Lead  Low Mercury, not RMERC Residues  D010 Toxicity Characteristic for Selenium  Toxicity Characteristic for Selenium  Toxicity Characteristic for Silver  Light Ends Subcategory
Line Item: Page No: Profile No: Treatability Group: LDR Disposal Category  1. A22K-INT-AIR NON-WASTEWATER 2 (This is subject to LDR.)  EPA Waste Code EPA Waste SubCategory  D001 Ignitables, except High TOC Liquids  Toxicity Characteristic for Arsenic  Toxicity Characteristic for Barium  D006 Toxicity Characteristic for Cadmium  Toxicity Characteristic for Chromium  Toxicity Characteristic for Lead  Low Mercury, not RMERC Residues  Toxicity Characteristic for Selenium  Toxicity Characteristic for Selenium  Toxicity Characteristic for Selenium  Toxicity Characteristic for Silver  Light Ends Subcategory
1 A22K-INT-AIR NON-WASTEWATER 2 (This is subject to LDR.)  EPA Waste Code EPA Waste SubCategory  D001 Ignitables, except High TOC Liquids  Toxicity Characteristic for Arsenic  Toxicity Characteristic for Barium  Toxicity Characteristic for Cadmium  Toxicity Characteristic for Chromium  Toxicity Characteristic for Chromium  Toxicity Characteristic for Lead  Low Mercury, not RMERC Residues  D010 Toxicity Characteristic for Selenium  Toxicity Characteristic for Selenium  Toxicity Characteristic for Silver  Light Ends Subcategory
EPA Waste Code  D001  Ignitables, except High TOC Liquids  Toxicity Characteristic for Arsenic  Toxicity Characteristic for Barium  Toxicity Characteristic for Cadmium  Toxicity Characteristic for Chromium  Toxicity Characteristic for Chromium  Toxicity Characteristic for Lead  Low Mercury, not RMERC Residues  D010  Toxicity Characteristic for Selenium  Toxicity Characteristic for Selenium  Toxicity Characteristic for Selenium  Toxicity Characteristic for Silver  Light Ends Subcategory
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<u>Certification</u> Applies to  Manifest Line  Items
Pursuant to 40 CFR 268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR 1. Part 268.
Waste analysis data, where available is attached.
Signature: Francisco Print Name K. Beelse
Title: Facility Coordinator Date: 1113-17

Drum Viewing Page 1 of 1

#### **WSDRUM - Drum Viewing**

Orum:	51959598	Inventory Mgt #:		Customer Drum #;	
Manifest Company:	KP	SO Branch: ETW Sa	les Order #: 1705754542	Load #:	B1711132
Manifest Number:	003456977FLE	Manifest Line:	1	Lot #;	23899941
Manifest Status:	PR	Manifest Page:	1	Shipment Type:	
Profile:	A22K-INT-AIR	UN / NA:	UN3082	Final Code Date:	11/30/2017 10:56:20 AM
Pre Waste Class:		Testing Waste Class:	A22K	Processing Waste Class:	A22K
Date Received:	11/29/2017 12:57:37 PM	Restrictions:	N	Billing Waste Class:	A22K
Container Size:	1	Container Type:	π	Processing Status:	YES
Original Quantity:	43700	Current Quantity:	0	Quantity UOM:	LBS
Drum Weight:	43700	Weight UOM:	LBS	Tare Weight:	0
PCB Type:		Out of Service:		Serial #:	
Generator Company:	ETW	Generator Date:	11/13/2017	Generator EPA #:	WAD981769110
Area:		Location.	KP	Initial Tracking Date:	11/13/2017 1:42:33 PM
Processing Type:	Pump Leanwater				
Customer Batch #					
Off-spec Reason:		Comments:	we brown liq FL17110510 B1711132	MFG SKU:	
Waste Numbers:				-	
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Please	INIFORM HAZARDOUS	igned for use on elite (12-pitch) ty 1. Generator ID Number WAD9817691				SC PP% Tency Respor (0) 483-3	se Phone	4. Manifest	Tracking		d. OMB No.	o. 2050-0 FI F
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	Clean Harbors En 2247 South High (imball, NE 6914	vironmental Services, II wav 71 5	ne.					NED	981	723!	513	
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- 13	. Alternate Facility (or Gener	material .		· · · · · · · · · · · · · · · · · · ·	Mar	ifest Referenc	e Number:	ALC COATON				·
		<del></del> ,						U.S. EPA ID N	ra (1001			
	ility's Phone: : Signature of Alternate Faci	ity (or Generator)	2				<del></del>	_L		M-	onth Day	y Year
19.	Hazardous Waste Report M	anagement Method Codes (i.e., codes	for hazardous waste treate	ment, disposal an	d recvo	ing systems)						1
<u> </u>	H <b>04</b> 0	2.		3.		a stanting		4.				

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

Month Day Year

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DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Month Day

Year

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

<sup>1.</sup> H**040** 

Please	print or type. (Form designed for use on elite (	12-pitch) typewriter.)	22, Page	23 Mani	fest Tracking Nu	Form.	Approved, OMB No.	2050-003
110	NIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	WAD 98/769/10	2				TIFLE	
24	4. Generator's Name	Service, Tue		1	0007			
$\Pi$	5. Transporter 3 Company Name	and Ambors Envi Survay	Zur		U.S. EPAID U.S. EPAID	AD03	1932225	ъ
26	8. Transporter Company Name	of Hollows Find Solve	ens. I.c	<u> </u>	141	03	3999	5
27 HI	7a. 27b. U.S. DOT Description (including Proper Shi		28, Contains		29. Total Quantity	30. Unit Wt./Vol.	31, Waste Code	
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TRANSPORTER	nted/Typed Name	Signature Signature	12.		660		Month Day	Year (سران
31. 31.	Transporter 4 Acknowledgment of Receipt of Iv	laterials			11		11.	
	nted/Typed Name WAYNE L.	SHAPPLES IN	um .	1	Shois	oll	Month Day / 129	Year 71/7
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DESIGNATED FACILITY	riazaroous wasie rieport Management Method Code	s (i.e., codes for hazardous waste treatment, disposal, and re	cycling systems)			l	•	
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FPA For	m 8700-22A (Rev. 3-05) Previous editions are	ohsofete	DESIGN	IATED F	ACILITY TO D	ESTINATION	ON STATE (IF RE	QUIRED



## Land Disposal Restriction Notification Form

Page: 1 of 1

Printed Date :Nov 13, 2017

MANIFEST INF	ORMATION							
Generato	r: Emerald Serv	vices, Inc		Manifest Tracking Info.				
Address: 1825 Alexander Avenue Tacoma,WA 98421			003456977FLE					
EPA ID	#: WAD981	769110		Sal	es Order No: 17057545	42		
LINE ITEM INF								
Line Item:	Page No:	Profile No:	Treatability Group:		LDR Disposal Category			
1.	1 A22K-INT-AIR NON-WASTEWATER 2 (This is subject to LE					l.)		
EPA Waste Co	de			EPA Wa	ste SubCategory	172044		
D001				Ignitables	, except High TOC Liquids			
D004				Toxicity C	haracteristic for Arsenic			
D005				Toxicity C	haracteristic for Barium			
D006				Toxicity characteristic for Cadmium				
D007				Toxicity Characteristic for Chromium				
D008	•			Toxicity Characteristic for Lead				
D009				Low Mercury, not RMERC Residues				
D010				Toxicity Characteristic for Selenium				
D011		-		Toxicity Characteristic for Silver				
F025				Light Ends Subcategory				
3F004F005F024F 9U031U037U044	-037F038K048K049 -U051U052U056U0	9K050K051K052K17	40D043F001F002F00 /1K172U004U012U01 117U118U122U140U J228U239					
		<u>Certi</u>	fication			Applies to Manifest Line Items		
Pursuant to 40 ( Part 268.	CFR 268.7(a), I he	ereby notify that this	s shipment contains	waste res	tricted under 40 CFR	1.		
Waste analysis Signature:	data, where availa	able, is attached.	Print Name	~	S. Beeks	<u> </u>		
Title:	racilit	y Cooxdinat	Date:	= _1. 	11/13/17			

Drum Viewing Page 1 of 1

#### **WSDRUM - Drum Viewing**

	for any course and the course and				
Drum:	61959599	Inventory Mgt #:		Customer Drum #:	60
Manifest Company:	KP	SO Branch: ETW Sa	eles Order #: <u>1705754670</u>	Load #:	B1712002
Manifest Number:	003456978FLE	Manifest Line:	1	Lot #:	23927962
Manifest Status:	PR	Manifest Page:	1	Shipment Type:	BULK
Profile:	A22K-INT-AIR	UN / NA:	UN3082	Final Code Date:	12/4/2017 10:21:08 AM
Pre Waste Class:	A22K	Testing Waste Class:	A22K	Processing Waste Class:	A22K
Date Received:	12/1/2017 12:42:10 PM	Restrictions:	N	Billing Waste Class:	A22K
Container Size:	1	Container Type:	TT .	Processing Status:	YES
Original Quantity:	44500	Current Quantity:	0	Quantity UOM:	LBS
Drum Weight:	44500	Weight UOM:	LBS	Tare Weight:	0
PCB Type:		Out of Service:		Serial #:	
Generator Company:	ETW	Generator Date:	11/13/2017	Generator EPA #:	WAD981769110
Area:		Location:	KP	In tial Tracking Date:	11/13/2017 1:42:33 PM
Processing Type:	Pump Leanwater				
Customer Batch #					
Off-spec Reason:		Comments:	we brown liq FL17120012 B1712002	MFG SKU:	·
Waste Numbers:					
D001;D035,F005					]
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Modified by MARKUMC1

on 12/4/2017 4:35:05 PM

Created: 11/13/2017 5:44:18 PM

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		for use on elite (12-pitch) type Generator ID Number AD 9 8 1 7 6 9 1		1 180	<b>70) 483-3</b>	Phone 718	4. Manifest	Tracking			FLE		
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ł	1 <b>00ma. WA 98421.</b> (2061 832 erator's Phone:	2-3200		]									
	ansporter 1 Company Name accorna Municipal B	elt Line Railway					U.S. EPA ID	U.S. EPAID Number WAD988467080					
7. Tr	. Transporter 2 Company Name Union Paoine Railroad							lumber 0 0 1	7929	10			
8 Designated Facility Name and Site Address Clean Harbors Environmental Services, Inc. 2247 South History 71 Kimbalt. NE 69145													
_	lity's Phone:	(S) 235-4012 Including Proper Shipping Name, H	azard Class ID Number	-	10. Conta	iners	11. Total	12. Unit	1				
9ei. HM	and Packing Group (if any))				No.	Туре	Quantity	WL/Vot.	18	I. Waste Cod			
x	IRQ, UN3082, WA SUBSTANCES, LI III (D001)	ISTE ENVIRONMENT QUID, N.O.S., (METH	ALLY HAZARDOUS YL ETHYL KETONE), 9, 1	PG	001	TT	04519	G	U004	U012 U037	U019 U044		
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	marked and labeled/placarded, Exporter, I certify that the conte	end are in all respects in proper control of this consignment conform to	e that the contents of this consignment andition for transport according to apple the terms of the attached EPA Acknov t 262.27(a) (if I am a large quantity ger	icable inter viedgment	mational and nat of Consent.	ional governr	nental regulations.						
Gene	rator's/Offeror's Printed/Typed I stima Beebe	Name	Signal Si	nature		an quariety ge	relatory is troe.		Mo	onth Day	Year		
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18. D:	screpancy Discrepancy Indication Space	N/A  Quantity	Туре		Residue	<b>A</b>	Partial Reje	ction		Full Rej	ection		
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lease r	print or type. (Form designed for use on elite	(12-pitch) typewriter.)  21. Generator ID Number	22. Page	22 Mari	fest Tracking No		opproved, OMB No. 2	2050-00
↑ UN	IFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	WIAD 981 769 110	22. Fage		0345		FLE	
24.	Generator's Name	! Service Zec						
25.	Transporter 3 Company Name	Land Ambor Emi Sen	un Zu		U.S. EPA ID		322250 D78638	
26.	Transporter Company Name 5/1	119 3431-1117 TVE	15/2-170/1	ion j Timbelli	U.S. EPAID تعربه مواليم		レンシン・ラ	
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1	ransporter 3 Acknowledgment of Receipt of	Mandala		· · · ·				
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34. T	ransporter # Acknowledgment of Receipt of	Materials						
	ed Typed Name		nature	_ =	ZU	•	Month Day	Year  />
35. D	iscrepancy							
36. H	azardous Weste Report Management Method Cod	es (i.e., codes for hazardous waste treatment, disposal,	and recycling systems)		· · · · · · · · · · · · · · · · · · ·			
36. H						<u></u>		
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## Land Disposal Restriction Notification Form

Page: 1.of 1

Printed Date :Nov 13, 2017

MANIFEST IN	FORMATION		6,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	22288222222	3\$DE:====================================	000000000000000000000000000000000000000			
Genera	tor: Emerald Serv	rices, Inc		Manifest Tracking Info.					
Address: 1825 Alexander Avenue Tacoma,WA 98421				<del></del>	003456978FLE				
EPA II		769110		Sal	es Order No: 17057546	370			
	FORMATION	re			-  -  -  -  -  -  -  -  -  -  -  -  -				
Line Item:	Page No:	Profile No:	Treatability Group						
1.	1	A22K-INT-AIR	NON-WASTEWA	rer .	2 (This is subject to LDF	₹.)			
EPA Waste C	ode			EPA Wa	ste SubCategory	1070- # # # # # # # # # # # # # # # # # # #			
D001				Ignitables	, except High TOC Liquids				
D004				Toxicity C	haracteristic for Arsenic				
D005				Toxicity C	haracteristic for Barium	•			
D006				Toxicity characteristic for Cadmium					
D007				Toxicity Characteristic for Chromium					
D008				Toxicity Characteristic for Lead					
D009				Low Mercury, not RMERC Residues					
D010				Toxicity Characteristic for Selenium					
D011				Toxicity Characteristic for Silver					
F025				Light Ends Subcategory					
3F004F005F02 9U031U037U04	1D022D023D026D028 4F037F038K048K049 44U051U052U056U05 161U165U181U196U2	0K050K051K052K17 57U080U108U112U1	1K172U004U012U01 17U118U122U140U	NONE					
***************************************			ication		,	Applies to Manifest Line Items			
Pursuant to 40 Part 268.	) CFR 268.7(a), I he	reby notify that this	shipment contains	waste rest	tricted under 40 CFR	1.			
Waste analysi	s data, where availa	ble, is attached.			/ ^ `	<del></del>			
Signature :	Yelding	a Buby	Print Name	e^	K. Beebe				
Title :	-racilit	y landina	Doc Date:		11.13.17				
						******			

#### WSDRUM - Drum Viewing

Drum:	[61959600]	Inventory Mgt #:		Customer Drum #:	62
Manifest Company:	КР	SO Branch: ETW Sa	lles Order #: 1705755332	Load #:	B1712003
Manifest Number:	003456979FLE	Manifest Line:	1	Lot #:	23927821
Manifest Status:	PR	Manifest Page:	1	Shipment Type:	BULK
Profile:	A22K-INT-AIR	UN / NA:	UN3082	Final Code Date:	12/4/2017 10:20:12 AM
Pre Waste Class:	A22K	Testing Waste Class:	A22K	Processing Waste Class:	A22K
Date Received:	12/1/2017 12:46:12 PM	Restrictions:	N	- Billing Waste Class:	A22K
Container Size:	1	Container Type:	TT	Processing Status:	YES
Original Quantity:	44580	Current Quantity:	0	Quantity UOM:	LBS
Drum Weight:	44580	Weight UOM:	LBS	Tare Weight:	0
PCB Type:		Out of Service:		Serial #:	
enerator Company:	ETW	Generator Date:	11/13/2017	Generator EPA #:	WAD981769110
Area:		Location:	кр	Initial Tracking Date:	11/13/2017 1:42:33 PM
Processing Type:	Pump Leanwater				
Customer Batch #					
Off-spec Reason:		Comments:	we brown liq FL17120013 B1712003	MFG SKU:	
Waste Numbers:			,		
D001;D035;F005				<del></del>	
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Please print or type. (Form designed for use on elite (12-pitch) typewrite TW 1705755332 SCPPW 10/10/2017 UNIFORM HAZARDOUS 1. Generator ID Number 4 Manifest Tracking Num 2. Page 1 of | 3. Emergency Response Phone 0034569 WASTE MANIFEST (800) 483-3718 Therator's Site Address (If diffe WAD981769110 Generator's Name and Malling **Emerald Services, Inc.** 1825 Alexander Avenue SAME Tacoma. WA 98421. Generators Phone 30.0. 022. 6. Transporter 1 Company Name U.S. EPA ID Number Tacoma Municipal Belt Line Railway WAD988467080 U.S. EPAID Number 7. Transporter 2 Company Name NED 0 0 4 7 9 2 9 4 0 U.S. EPA ID Number Union Pacific Railroad

8. Designated Facility Name and Site Address Clean Harbors Environmental Services, Inc. 2247 South Highway 71 Kimbali. NE 69145 NED981723513 (308) 235 4012 10. Containers 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 11. Total 12. Unit 92 13, Waste Codes and Packing Group (if any)) Quantity Wt.Vol. ны No. Туре RQ. UN3082. WASTE ENVIRONMENTALLY HAZARDOUS 1004 11012 **U019** GENERATOR TŦ SUBSTANCES, LIQUID, N.O.S., (METHYL ETHYL KETONE), 9, PG 001 04519 G 1031 U037 U044 HI (DOO4) 14. Special Handling Instructions and Additional Information Stals TZP1 224844 Container#UTLX201289 1.A22K-INT-AIR ERG#171 IN CASE OF AN EMERGENCY, PLEASE Bottomi 224866 **CONTACT 1.800.OIL.TANK** 75 and Transford TT2121 (1.800 645 8265) SEAL #9-TOP GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the people shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Kristina Beebe 16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S. 17. Transporter Acknowledgment of Receipt of Materials Year 18. Discrepancy 18a. Discrepancy Indication Space Quantity Туре Residue Partial Rejection Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone 图 18c. Signature of Alternate Facility (or Generator) Month Ďav Year DESIGN 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

obbie 12181177 EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED) Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

Month Day Year

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

**H040** 

ted/Typed Name

Ple	ea <u>se pr</u>	int or type. (Form designed for use on elite (12-pitch) typewriter.)	1 22 Page	22 Man	fest Tracking Nu		Approved. OM8 No.	. 2050-00:3	
	UNII	FORM HAZARDOUS WASTE MANIFEST (Continuation Sheet) 21. Generator ID Number WAD 98/769//0	22, Page	23. Maju			79FL8		
	24.0	Emerald Senies, Zue,			; ;				
	L_	Transporter 3 Company Name Chand Harbon Envi Sander	Zv.		U.S. EPA IO	Number D03	9322250	,	
	26. 1	Transporter 4 Company Name	U.S. EPAID	Number ノイラ	73272	دے			
	27a. HM	27b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Contair No.	Cantainam   00 7-4-1   00 11-11				31. Waste Codes	
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TRANSPORTER	34. Tra	resporter # Acknowledgment of Receipt of Materials	erer f	1	11	<u> </u>	11 73	1/2	
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<b>VESTGINALED FACILITY</b>									
딒	36. Ha	zardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and rec	ycling systems)			<u>_</u>			
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PΑ	Form 8	700-22A (Rev. 3-05) Previous editions are obsolete.	DESIG	NATED FA	CILITY TO D	ESTINATI	ON STATE (IF RE	QUIRED)	



Page : 1 of 1

Printed Date: Nov 13, 2017

MANIFEST IN			*======================================				
Generat	or: Emerald Serv	rices, Inc			Manifest Tracking I	nfo.	
Addre	ss: 1825 Alexand Tacoma,WA			003456979FLE			
EPA ID		769110	 	Sal	es Order No: 17057553	32	
LINE ITEM IN			T============		1		
Line Item:	Page No:	Profile No:	Treatability Group:		LDR Disposal Category		
1.		A22K-INT-AIR	NON-WASTEWAT	FER	2 (This is subject to LDF	₹.)	
EPA Waste Co	de			EPA Wa	ste SubCategory		
D001				Ignitables	except High TOC Liquids		
D004				Toxicity Cl	haracteristic for Arsenic		
D005				Toxicity Cl	haracteristic for Barium		
D006				Toxicity ch	aracteristic for Cadmium		
D007				Toxicity C	haracteristic for Chromium		
D008				Toxicity C	haracteristic for Lead		
D009	-			Low Merci	ury, not RMERC Residues		
D010				Toxicity C	haracteristic for Selenium		
D011				Toxicity Cl	haracteristic for Silver		
F025				Light Ends	Subcategory		
3F004F005F024 9U031U037U04	F037F038K048K049 4U051U052U056U0	9K050K051K052K17	40D043F001F002F00 1K172U004U012U01 117U118U122U140U <sup>.</sup> J228U239		·		
			<u>ication</u>			Applies to Manifest Line Items	
Pursuant to 40 Part 268.	CFR 268.7(a), I he	reby notify that this	shipment contains	waste rest	tricted under 40 CFR	1.	
Waste analysis Signature:	data, where availa	nble, is attached.	Print Name	· Y	Selectina Prola	<u></u>	
Title :	racility	y Corredinat	Date:		11/13/17		

Drum:	61959601	Inventory Mgt #:		Customer Drum #:	E
Manifest Company:	KP	SO Branch: ETW Sa	iles Order #: <u>1705755679</u>	Load #:	B1712005
Manifest Number:	003456980FLE	Manifest Line:	1	Lot #:	23927970
Manifest Status:	PR	Manifest Page:	1	Shipment Type:	BULK .
Profile:	A22K-INT-AIR	UN / NA:	UN3082	Final Code Date:	12/4/2017 10:22:11 AM
Pre Waste Class:	A22K	Testing Waste Class:	A22K	Processing Waste Class:	A22K
Date Received:	12/1/2017 8:04:35 PM	Restrictions:	Y	Billing Waste Class:	A22K
Container Size:	1	Container Type:	ττ	Processing Status:	YES
Original Quantity:	12360	Current Quantity:	0	Quantity UOM:	LBS
Drum Weight:	12360	Weight UOM:	LBS	Tare Weight:	0
PCB Type:		Out of Service:		Serial #:	
Generator Company:	ETW	Generator Date:	11/13/2017	Generator EPA #:	WAD981769110
Area:		Location:	KP .	Initial Tracking Date:	11/10/2017 9:09:12 AM
Processing Type:	Pump Leanwater				i
Customer Batch #					
Off-spec Reason:		Comments:	cm brown liq F17120016 B171200	5 MFG SKU:	
Waste Numbers:					
D001,D035;F005		· · · · · · · · · · · · · · · · · · ·			
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Please print or type. (Form designed for use on elite (12-pitch) typewriter.) SCPPW 10/10/2017 UNIFORM HAZARDOUS 1. Generator iD Number
WASTE MANIFEST WAD 981769110 3. Emergency Response Phone 2. Page 1 of 003456980 (800) 483-3718 WASTE MANIFEST Generator's Site Address (if different than mailing address) SEGMENTAL SERVICES, 100 1825 Alexander Ävenue SAME Tacoma, WA 98421 Generator's Phone: (206) 832-3200 6. Transporter 1 Company Name
Tacoma Municipal Sek Line Railway U.S. EPA ID Number **WAD988467080** U.S. EPA ID Number 7. Transporter 2 Company Name Union Pacific Railroad NED001792910 Designated Facility Name and Site Address U.S. EPA ID Number Clean Harbors Environmental Services, Inc. 2247 South Historia 71 NED981723513 Kimball. NE 69145 (308) 235-4012 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12 Unit 9a. 13. Waste Codes and Packing Group (if any)) Quantity WI AM нм Туре RO. UN3082. WASTE ENVIRONMENTALLY HAZARDOUS 1004 U012 U019 001 TT 04523 G SUBSTANCES, LIQUID, N.O.S., (METHYL ETHYL KETONE), 9, PG **N03**4 U037 U044 III (D001) N 14. Special Hendling Instructions and Additional Information Container#1171X201289 द्याक नकीर स्वाप्तित 226845 IN CASE OF AN EMERGENCY, PLEASE CONTACT 1,800.OIL.TANK Bottom; 22 48 lele (1.800.645.8265) SEAL#'S: TOP 588 906 Transs-c 15. GENERATOR'S/OFFERQR'S CERTIFICATION: I hereby doclare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Day Kristina Beebe 11 113 117 16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials yn Whi Transported Printed/Typed Name 18. Discrepancy 18a. Discrepancy Indication Space Residue Quantity Type Partial Rejection Full Rejection Manifest Reference Number. 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) <sup>1</sup> H040

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

Clean Harbers has the appropriate permits for and will accept the waste the generally is supplied.

Year

Month Day ねいハク

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

ese print or type. (Form designed for use on elit	e (12-pitch) typewriter.)	L 22 Bass	1 22 44-14	est Tracking Nu		Approved, OMB N	o. 2050-0
UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number  WAD 98/769//0	22. Page	23. Marun	o 3 %	56 98	OFLE	
24. Generator's Name	and the second s						
Emorald	Service, Zar					•	
25. Transporter Company Name				U.S. EPA ID			
	Chand Ambons Ew. Son	hun Sur 1		MA	1.2038	32225	0
26, Transporter 4 Company Name	LEAN HABORS ENV.	SYLS, J	WC.	I MAJ	034	132225	D
27a. 27b. U.S. DOT Description (including Proper S		28. Contain		29. Total	30. Unit	31, Waste Cox	
HIM and Packing Group (If any))		No.	Туре	Quantity	WL/Vol.		<del>/</del> -
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3. Hazardous Waste Report Management Method Co	des (i.e., co les for hazardous waste treatment, disposal, and t	ecycling systems)					
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Page: 1 of 1

Printed Date :Nov 13, 2017

MANI	FEST INFOR	MATION							
	Generator :	Emerald Serv	rices, Inc			Manifest Tracking In	fo.		
	Address:	1825 Alexand Tacoma,WA		9 1 1 1 1		003456980FLE			
	EPA ID#:	WAD981	769110	Ì ! !	Sales Order No: 1705755679				
LINE ITEM INFORMATION									
Line It	lem: Pa	ge No:	Profile No:	Treatability Group		LDR Disposal Category			
1.	1		A22K-INT-AIR	NON-WASTEWA	ΓER	2 (This is subject to LDR	.)		
EPA V	Waste Code		.L	L	EPA Wa	ste SubCategory			
D001				~~ ~ 8 8 8 8 8 8 9 7 7 7 7 7 7 7 7 7 7 7 7 7	Ignitables,	except High TOC Liquids			
D004					Toxicity C	haracteristic for Arsenic			
D005					Toxicity C	haracteristic for Barium			
D006					Toxicity ch	aracteristic for Cadmium			
D007					Toxicity C	naracteristic for Chromium			
D008					Toxicity Characteristic for Lead				
D009					Low Merci	ury, not RMERC Residues			
D010					Toxicity Characteristic for Selenium				
D011					Toxicity Characteristic for Silver				
F025					Light Ends Subcategory				
3F004 9U031	F005F024F03 U037U044U0	7F038K048K049 51U052U056U0	BD035D038D039D04 9K050K051K052K17 57U080U108U112U1 210U213U220U227U	1K172U004U012U01 17U118U122U140U	NONE				
			Certif	ication		•	Applies to Manifest Line Items		
Pursua Part 20		R 268.7(a), I he	reby notify that this	shipment contains	waste rest	ricted under 40 CFR	1.		
Waste analysis data, where available, is attached.  Signature: Yelthing Bolc Print Name K-Bolg  Title: 1-acility (occolination Date: 11.13.17									
			<u>ن</u>						

Drum: [	52065827	Inventory Mgt #:		Customer Drum #:	
Manifest Company: <b>K</b>	(P	SO Branch: ETW Sa	les Order #: 1705868997	Load #:	B1712016
Manifest Number: 0	03456983FLE	Manifest Line:	1	Lot #:	23951724
Manifest Status; P	PR	Manifest Page:	1	Shipment Type:	BULK
Profile: 🛕	22K-INT-AIR	UN / NA:	UN3082	Final Code Date:	12/6/2017 9:43:55 AM
Pre Waste Class: A	122K	Testing Waste Class:	A22K	Processing Waste Class:	A22K
Date Received: 1	2/5/2017 3:51:18 PM	Restrictions:	Υ	Billing Waste Class:	A22K
Container Size: 1		Container Type:	TT	Processing Status:	YES
Original Quantity: 4	3680	Current Quantity:	0	Quantity UOM:	LBS
Drum Weight: 4	3680	Weight UOM:	LBS	Tare Weight:	0
PCB Type:		Out of Service:	•	Serial #:	
enerator Company: E	TW	Generator Date:	11/17/2017	Generator EPA #:	WAD981769110
Area:		Location:	КР	Initial Tracking Date:	10/20/2017 10:47:55 AM
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Customer Batch #					
Off-spec Reason:		Comments:	we brown liq F17120089 B1712016	MFG SKU:	
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and Packing Group (if				· 	No.	Туре	Quantity	WL/Vol.		I. Waste Cod	58
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UNI	FORM HAZARDOUS WASTE MANIFEST	21, Generator ID Number	22, Page	23. Mani	feet Tracking Nu		007-	_
	(Continuation Sheet)	WAD 98/769 110	2	<u> </u>	0039	456	983FL	<u> </u>
	Generator's Name Emerald S	Contra, Zu.						
25.	Transporter 3 Company Name	Lend Han bus EAN, Son 14 Sc. Strains Track 5 th pping Name Hazard Class, 10 Number,	ne Jas.	·	U.S. EPA ID		39322	250
26.	Transporter Company Name	14 Septemes Transit	-itation		U.S. EPAIDI	SEL.	39322 3574	33
27a. HM	27b. U.S. DOT Description (including Proper Shi and Packing Group (if any))	pping Name Hazard Class, ID Number,	28. Containe No.	ers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Wast	Codes
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36 U-	Tradeus Works Report Management Mathed Code	of the corder for base January and beautiful to	J		- <del></del>			<u> </u>
36. Ha	zaivuus wasie report management method Code	s (i.e., codes for hazardous waste treatment, disposal, an	ig recycling systems)					
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Form	8700-22A (Rev. 3-05) Previous editions are	obsolete.	DESIGN	IATED FA	ACILITY TO D	ESTINAT	ION STATE	F REQUIR



Page: 1 of 1

Printed Date :Nov 17, 2017

	NTAL SERVICES®						
	NFORMATION					,	
Genera	ator: Emerald Se	ervices, Inc		<del></del>	Manifest Tracking I	nfo.	<u> </u>
Addr	ress: 1825 Alexa Tacoma,W	ander Avenue /A 98421			003456983FLE	, ·	
EPA I		1769110	 	Sal	es Order No: 17058689	97	
	NFORMATION				,		
Line Item:	Page No:	Profile No:	Treatability Group		LDR Disposal Category		
1.	1	A22K-INT-AIR	NON-WASTEWA	TER	2 (This is subject to LDF	₹.)	
EPA Waste C	ode			EPA Wa	ste SubCategory		
D001			· · · · · · · · · · · · · · · · · · ·	Ignitables	, except High TOC Liquids		
D004				Toxicity C	haracteristic for Arsenic		
D005				Toxicity C	haracteristic for Barium		
D006				Toxicity cl	naracteristic for Cadmium		
D007				Toxicity C	haracteristic for Chromium	•	
D008			,	Toxicity C	haracteristic for Lead		
D009				Low Merc	ury, not RMERC Residues		
D010				Toxicity C	haracteristic for Selenium		
D011			•	Toxicity C	haracteristic for Silver		
F025				Light End	s Subcategory		
3F004F005F02 9U031U037U0	24F037F038K048K0 44U051U052U056l	028D035D038D039D0 049K050K051K052K1 J057U080U108U112L 6U210U213U220U227	71K172U004U012U01 J117U118U122U140U	ļ			
		Cert	ification			Applie Manife Items	s to st Line
Pursuant to 46 Part 268.	0 CFR 268.7(a), I	hereby notify that the	is shipment contains	s waste res	tricted under 40 CFR	1.	
		ailable, is attached.				<u> </u>	
Signature :	Treist	va spring	Print Nam	e <i>!</i>	5. Bulse		
Title :	racili	ty Coordinate	Date:		11.17.13		

Drum:	52065823	Inventory Mgt #:		Customer Drum #:	
Manifest Company:	KP	SO Branch: ETW Sal	les Order #: <u>1705869362</u>	Load #:	B1712017
Manifest Number:	003456984FLE	Manifest Line:	1	Lot #:	23973701
Manifest Status:	PR	Manifest Page:	1	Shipment Type:	BULK
Profile:	A22K-INT-AIR	UN / NA:	UN3082	Final Code Date:	12/7/2017 6:57:03 PM
Pre Waste Class:	A22K	Testing Waste Class:	A22K	Processing Waste Class:	A22K
Date Received:	12/5/2017 8:12:33 PM	Restrictions:	N	Billing Waste Class:	A22K
Container Size:	1	Container Type:	TT	Processing Status:	YES
Original Quantity:	45820	Current Quantity:	0	Quantity UOM:	LBS
Drum Weight:	45820	Weight UOM:	LBS	Tare Weight:	0
PCB Type:		Out of Service:		Serial #:	
ienerator Company: I	ETW	Generator Date:	11/17/2017	Generator EPA ≠:	WAD981769110
Area:		(Location:	КР	Initial Tracking Date:	11/17/2017 10:21:10 AM
Processing Type: I	Pump Leanwater				
Customer Batch #					
Off-spec Reason:		Comments:	kb brown liq FL17120093 B1712017	MFG SKU:	
Waste Numbers:					
D001;D035;F005;OU	T5204H			······································	
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ł	°i	Facoma Municipal Belt Line Railway						988	467	080	
	1	Transporter 2 Company Name Indon Pacific Railroad				·	N E D	001	792	910	
	C 2	Designated Facility Name and Site Address He an Harbors Environmental Services, Inc 1247 South Highway 71 Limball, NE 69145 1384 Phone: (308) 235-4012					5.5.2		7231	513	
	98. HN		ard Class, ID Number,		10. Conta	Type	11. Total Quantity	12. Unit WL/Vol.	1 12	3. Waste Co	des
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	15.	GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare the marked and labeled/placarded, and are in all respects in proper conditional property that the containts of this consignment conform to the certify that the waste minimization statement identified in 4) CFR 2:	et the contents of this consignr lition for transport according to a starms of the attached EPA Aci	applicable inti knowledgmen	rnational and nat t of Consent.	lonal governm	nental regulations.				
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Ę	:1	International Shipments Import to U.S.	Export f	rom U.S.	Port of en						
TER	17.1	nsporter signature (for exports only):  Transporter Acknowledgment of Receipt of Materials  sporter 1 Printed Typed Name		Signature	Date leav	ng U.S.:	<del></del>		Мо	nth Day	Year
ANSPOR	il .	Kimberly Jackson  Hipother 2 Printed Typed Name	k	Signature	ubul	1000	econ	_	N <sub>Ma</sub>	WI	ш7
¥ E	_	Discrepancy					<del></del>				
	18a.	Discrepancy Indication Space Quantity	Туре		Residue	· · · · · · · · · · · · · · · · · · ·	Partial Rejec	ction	[	Full Rej	ection
E	18b.	Alternate Facility (or Generator)		M	mifest Reference	Number:	U.S. EPA ID Nu	mber			<del></del>
DESIGNATED FACILITY	Facili 18c. S	ity's Phone: Signature of Alternate Facility (or Generator)					1		Мо	oth Day	) Year
SEAT	19. H	azardous Waste Report Management Method Codes (i.e., codes for h	andous usada ta danad dan					·			
- 253	<sup>1</sup> H	040 2.		3.	way systems)		4.				٠,
	20. Di Printo	esignated Facility Owner or Operator: Certification of receipt of hazards		anifest excep Signature (	t as noted in Item	18a	<del></del>		Mor	nth Clay	Yizar
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		Services, Zuc.				Marine		
25	i. Transporter 3 Company Name C/s	1174 Ly Stantos Tres	- Zuel	·	U.S. EPAID	D 03	932225	7
26	. Transporter <u> </u>	1116 2 - thours Tim	H.J.J. To	1100	U.S. EPAID	Number	13571	37
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<b>S</b> Pin	transporter Acknowledgment of Receipt of Marie Logical Property Co.	Signature	• >	7	PP		Month Day	Year
35.	Discrepancy CO	-10-20			<i></i>		<u> </u>	<u> </u>
DESKINALED PACILLIY								
36.1	lazardous Waste Report Management Method Code	s (i.e., codes for hazardous waste treatment, disposal, and	recycling systems)					<u> </u>
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Printed Date: Nov 17, 2017

MANIFEST INF	ORMATION	0886222222222222	=======================================			======================================		
Generato	or: Emerald Serv	ices, Inc		_	Manifest Tracking Ir	nfo.		
Addres	ss: 1825 Alexand Tacoma,WA			003456984FLE				
EPA ID	#: · WAD9817	769110		Sales Order No: 1705869362				
LINE ITEM INF								
Line Item:	Page No:	Profile No:	Treatability Group:		LDR Disposal Category			
1.	1	A22K-INT-AIR	NON-WASTEWAT	ER	2 (This is subject to LDR	l.)		
EPA Waste Co	de		<u> </u>	EPA Wa	ste SubCategory			
D001				Ignitables,	except High TOC Liquids			
D004				Toxicity CI	naracteristic for Arsenic			
D005				Toxicity Cl	naracteristic for Barium			
D006				Toxicity ch	aracteristic for Cadmium	•		
D007				Toxicity CI	naracteristic for Chromium			
D008				Toxicity Characteristic for Lead				
D009				Low Merci	ıry, not RMERC Residues			
D010				Toxicity C	naracteristic for Selenium			
D011				Toxicity CI	naracteristic for Silver			
F025				Light Ends	Subcategory			
3F004F005F024F 9U031U037U044	F037F038K048K049 W051W052W056W05	K050K051K052K17	10D043F001F002F00 1K172U004U012U01 17U118U122U140U1 1228U239					
		<u>Certif</u>	<u>ication</u>			Applies to Manifest Line Items		
Pursuant to 40 ( Part 268.	CFR 268.7(a), I he	reby notify that this	shipment contains	waste rest	ricted under 40 CFR	1.		
Waste analysis	data, where availa	ble, is attached.				<u>.</u>		
Signature :	Kristin	a Belle	Print Name	<u></u> ¥	7. Bulge			
Title :	racility	loordinate	<u>⊃r</u> Date :		715-13			

Drum;	62065829	Inventory Mgt #:	Customer Dr	ım #: [ €
Manifest Company:	KP	SO Branch: ETW Sales Order #: 170	5869775 Lo	ad #: B1712035
Manifest Number:	003456985FLE	Manifest Line: 1		Lot #: 23977743
Manifest Status:	PR	Manifest Page: 1	Shipment	Type: BULK
Profile:	A22K-INT-AIR	UN / NA: UN3082	Final Code	Date: 12/8/2017 10:49:48 AM
Pre Waste Class:	A22K	Testing Waste Class: A22K	Processing Waste	Class: A22K
Date Received:	12/7/2017 10:10:59 AM	Restrictions: N	Billing Waste	Class <sup>,</sup> A22K
Container Size:	1	Container Type: TT	Processing S	tatus: YES
Original Quantity:	36440	Current Quantity: 0	Quantity	UOM: LBS
Drum Weight:	36440	Weight UOM: LBS	Tare W	eight: 0
PCB Type:		Out of Service:	Ser	ial ≢:
enerator Company:	ETW	Generator Date: 11/17/2017	Generator E	PA #: WAD981769110
Area:		Location: KP	Initial Tracking	Date: 11/17/2017 10;48:33
Processing Type:	Pump Leanwater			
Customer Batch #		•		
Off-spec Reason:		Comments: kb brown liq F.	.7120129 B1712035 MFG	SKU:
Waste Numbers:				
DOC1;D035;F005;OL	JTS204H			

SCPPW 10/10/2017 B17/2035

Please print or type. (Form designed for use on elite (12-pitch) typewrite. 1 W 1705869775 Form Approved. OMB No. 2050-0039 2. Page 1 of 3. Emergency Response Phone 1. Generator ID Number UNIFORM HAZARDOUS 003456985 12 (800) 483-3718 WASTE MANIFEST WAD981769110 Senerator's Site Address (if different than mailing address . Generator's Name and Mailing Address Emerald Services, Inc 1825 Alexander Avenue SAME Tacoma. WA 98421 Generator's Phone (206) 832-3200 6. Transporter 1 Company Name U.S. EPA ID Number **Tacoma Municipal Belt Line Railway** WAD988467080 U.S. EPA ID Number 7. Transporter 2 Company Name NED001792910 **Union Pacific Railroad** 8. Designated Facility Name and Site Address U.S. EPA ID Number Clean Harbors Environmental Services, Inc. 2247 South Highway 71 Kimball. NE 69145 NED981723513 Facility's Phone: (308) 235-4012 10. Containers 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 11. Total 12 Unit Ωя 13. Waste Codes and Packing Group (if any)) Туре Quantity Wt./Vol. нм No. RQ, UN3082, WASTE ENVIRONMENTALLY HAZARDOUS 1004 U012 U**01**9 GENERATOR 001 TT 04538 G SUBSTANCES, LIQUID, N.O.S., (METHYL ETHYL KETONE), 9, PG 1031 U037 U**04**4 III (DOO4) 14. Special Handling Instructions and Additional Information Container# UTLX201640 1.A22K-INT-AIR ERG#171 In case of emergency please contact TT 3089 1.800.0IL.TANK (1.800.645.8265) SEAL#'8: 226867.226868.226869 GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Advowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Kristina Beebe 16. International Shipments Export from U.S. Import to U.S. Port of entry/exit: Date leaving U.S.: Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Kimber' Transporter 2 Printed/Typed Name 18. Discrepancy 18a. Discrepancy Indication Space Quantity Птуре \_\_\_ Full Rejection Partial Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. FPA ID Number Facility's Phone 18c. Signature of Alternate Facility (or Generator) Qay 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) <sup>1.</sup> H040 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Signature Month Day 17 07

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

Clean Harbors has the appropriate permits for and will accept the waste the generator is support.

Drum:	62065830	Inventory Mgt #:		Customer Drum #	[
Manifest Company:			es Order #: 1705870325		B1712036
Manifest Number:		Manifest Line:			23983570
Manifest Status:		Manifest Page:		Shipment Type:	
Profile:	A22K-INT-AIR		UN3082		12/8/2017 4:27:56 PM
Pre Waste Class:		Testing Waste Class:		Processing Waste Class:	
Date Received:	12/7/2017 12:05:57 PM	Restrictions:	N	Billing Waste Class:	
Container Size:		Container Type:	π	Processing Status:	
Original Quantity:	46140	Current Quantity:	0	Quantity UOM:	LBS
Drum Weight:	46140	Weight UOM:	LBS	Tare Weight:	O
PCB Type:		Out of Service:		Serial #:	
Generator Company:	ETW	Generator Date:	11/17/2017	Generator EPA #:	WAD981769110
Area:		Location:	КР .	Initial Tracking Date:	11/17/2017 10:48:33 AM
Processing Type:	Pump Leanwater				
Customer Batch #					4
Off-spec Reason:		Comments:	kb gray (iq F17120130 B171203	MFG SKU:	
Waste Numbers:					•
D001;D035;F005;CL	J*S204H		· · · · · · · · · · · · · · · · · · ·	***************************************	
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AUTH. B1712036

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Please print or type. (Form designed for use on elite (12-pitch) typewrite.) SC PPW 10/10/2017 Form Approved. OMB No. 2050-0039 UNIFORM HAZARDOUS 1. Generator ID Number 4. Manifest Tracking Number 2. Page 1 of 3. Emergency Response Phone 003456986 WASTE MANIFEST WAD981769110 (800) 483-3718 Generator's Name and Mailing Address Emerald Services, Inc Senerator's Site Address (if different than mailing address) 1925 Alexander Avenue SAME Tacoma. WA 98421 Generator's Phone (206) 832-3200 6. Transporter 1 Company Name U.S. EPAID Number Tacoma Municipal Belt Line Railway **WAD988467080** U.S. EPA ID Number 7. Transporter 2 Company Name Union Pacific Railroad NED001792910 8. Designated Facility Name and Site Address U.S. EPA ID Number Clean Harbors Environmental Services, Inc. 2247 South Historier 71 NED981723513 Kimball. NE 69145 (308) 235-4012 9b. U.S. DOT Description (including Proper Stripping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit gа 3. Waste Codes and Packing Group (if any)) Quantity Wt.Vol. нм No. Type RQ, UN3082, WASTE ENVIRONMENTALLY HAZARDOUS U004 U019 U012 001 TT 04538 G SUBSTANCES, LIQUID, N.O.S., (METHYL ETHYL KETONE), 9, PG **J031** U037 U044 III (D004) CR 14. Special Handling Instructions and Additional Information

1. A22X-INT-AIR ERG\$171 Container#UTLX201640 In case of emergency please contact 2120 OFFC 1.800.OIL.TANK (1.800.645.8266) 1975 and Transfront SEAL #5: 226867.223868.226869 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are lassified, packaged, marked and labeled/pacarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment an 11 am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. t cartify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name K*r*istina Beebe 17 117 16. International Shipments \_\_\_Import to ∪.S. Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S. 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name 3 onto Transporter 2 Printed/Typed Name 18. Discrepancy Туре 18a. Discrepancy Indication Space Quantity Residue Partial Rejection Full Rejection Manifest Reference Number. 18b. Alternate Facility (or Generator) I S EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Day Year 19. Hazardous Waste Report Management Method Coxles (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H040 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as peter in Item 18a Printed/Typed Name Day 12 107 11 AVILA

UNIFORM HAZARDOUS WASTE MANIFEST 21. Generator ID Number	22. Page		nifest Tracking No	umber	Approved, OMB No. 20:
(Continuation Sheet) WAD 98/769//0	12		0034	2698	6FLE
Emerald Sorvices, Tue					
25. Transporter Company Name Class Harbor Envir Sonder  26. Transporter Company Name  31:1114 September 17:00 71:0	Jan		U.S. EPA ID	Number	9322258
26. Transporter 4 Company Name Signify Suntanger The Same	TETION				1952/33
276. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28, Conta	iners Type	29, Total Quantity	30. Unit Wt./Vol.	: 1. Waste Codes
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2. Special Hapeling instructions and Additional Infornation	<u> </u>	1	<u> </u>		
3. Transporter Acknowledgment of Receipt of Materials					
inted/Typed Name Signature	6:00	ر نیم	ist.	71	Month Day
Transporter Acknowledgment of Receipt of Materials inted/Typed Name Signature					Month Day
5. Discrepancy	Z		M		121071
	_				
s. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and n	ecycling systems)				<del></del>

## Clean Harbors Manifest Addendum

Page:1 of 1

Generator ID Number:		9	Sales Order Number
WAD981769110	003456986FLE	1	705870325
Emerald Services, Inc	رونو چ چ چه در موده ایجم شد شد شاه <b>۱۹ تا ۱۹ تا ۱۹ تا ۱۹ تا ۱۹ تا ۱۹ تا ۱۹ تا ۱۹ تا ۱۹ تا ۱۹ تا ۱۹ تا ۱۹ تا ۱۹</b>		n = = = = = = = = = = = = = = = = = = =
1825 Alexander Avenue			
Tacoma, WA98421			,
Line#: Profile No:	Profile Description:		Waste Codes:
1. A22K-INT-AIR		9997799900011110000000	U051 U052 U056
			U057 U080 U108
,			U112 U117 U1 18
			U122 U140 U1 54
,			U156 U159 U1-31
			U165 U181 U196
			U210 U213 U2:20
		•	U227 U228 U239
	•		D001 D004 D0:)5
	•		D006 D007 D008
			D009 D010 D0 i1 D018 D020 D0::1
			D022 D023 D026
			D028 D035 D038
			D039 D040 D043
			F001 F002 F003
			F004 F005 F024
			F025 F037 F033
			K048 K049 K050
	•		K051 K052 K171
			K172
<u>C</u> l	Container# C	ustomer Container #	

Drum:	62065931	Inventory Mgt #:		Customer Drum #:	
Manifest Company:	KP	SO Branch: ETW Sale	es Order #: <u>1705870724</u>	Load #:	81712038
Manifest Number:	003456988FLE	Manifest Line:	: 1	Lot #:	23983561
Manifest Status: I	PR	Manifest Page:	: 1	Shipment Type:	BULK
Profile:	A22K-INT-AIR	UN / NA:	UN3082	Final Code Date:	12/8/2017 4:26:48 PM
Pre Waste Class: .	A22K	Testing Waste Class:	: A22K	Processing Waste Class:	A22K
Date Received:	12/7/2017 3:47:17 PM	Restrictions:	: <b>N</b>	Billing Waste Class:	A22K
Container Size:	1	Container Type:	: TT	Processing Status:	YES
Original Quantity:	29080	Current Quantity:	: 0	Quantity UOM:	LBS
Drum Weight: 3	29080	Weight UOM:	LBS	Tare Weight:	0
PCB Type:		Out of Service:		Serial #:	
enerator Company: I	ETW	Generator Date:	11/17/2017	Generator EPA #:	WAD981769110
Area:		Location:	KP .	Initial Tracking Date:	6/29/2017 6:43:13 PM
Processing Type: I	Pump Leanwater				
Customer Batch #					
Off spec Reason:		Comments:	kb gray liq F17120135 B1712038	MFG SKU:	
Waste Numbers:	•				
134;D001;D035,D03	9			······	
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Please print or type. (Form designed for use on elite (12-pitch) typewriter.) SCPPW 10/10/2017 Form Approved, OMB No. 2050-0039 3. Emergency Response Phone (800) 483-3718 UNIFORM HAZARDOUS I. Generator ID Number
WASTE MANIEFST WAD 981769110 4. Manifest Tracking Num 003456988 WASTE MANIFEST Generator's Site Address (if different than mailing address) 5 Generalist Are and Mailing Address 1825 Alexander Avenue SAME Tacoma. WA 98421 (206) 832-3200 Generator's Phone: U.S. EPA ID Number 6. Transporter 1 Company Name Clean Harbors Environmental Services, Inc. MAD039322250 U.S. EPA ID Number 7. Transporter 2 Company Name 8. Designated Facility Name and Site Address
Clean Harbors Environmental Services, Inc. U.S. EPA ID Number NED981723513 2247 South Highway 71 Kimball, NE 69145 (308) 235-4012 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 12. Unit 11. Total Qa. 13. Waste Codes and Packing Group (if any)) No. Туре Quantity Wt. Avol. ны RO, UN3082, WASTE ENVIRONMENTALLY HAZARDOUS U004 U012 U019 001 TT 04538 G SUBSTANCES, LIQUID, N.O.S., (METHYL ETHYL KETONE), 9, PG U031 U037 U044 III (D001) SEN Container#UTLX201640 14. Special Handling Instructions and Additional Information in case of emergency please contact T 2122 1.800.0(L.TANK (1.800.645.8265) SEAL #'S: 226867,226868,226869 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPAAcknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. erator's/Offeror's Printed/Typed Name Month Kristina Beebe 11 117 17 16. International Shipments Export from U.S. Port of entry/exit: limport to U.S. Date leaving U.S.: Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials E 18. Discrepancy 18a. Discrepancy Indication Space Type Residue Partial Rejection Full Rejection Manifest Reference Number 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Year Month Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) <sup>1.</sup> H040 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18e

Printed/Typed Name

AVILA

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

Drum;	58942813	Inventory Mgt #:	C000000627	Customer Drum #:	
Manifest Company:	КР	SO Branch: ETW Sales C	Order #: 1703123062	Load #:	1706222
Manifest Number:	007597105FLE	Manifest Line:	5	Lot #:	22529309
Manifest Status:	PR	Manifest Page:	: 1	Shipment Type:	DRUM
Profile:	A22K-INTER	UN / NA:	UN3082	Final Code Date:	7/3/2017 3:11:51 PM
Pre Waste Class:	A22K	Testing Waste Class:	A22K	Processing Waste Class:	A22K
Date Received:	6/26/2017 4:25:00 PM	Restrictions:	N	Billing Waste Class:	A22K
Container Size:	55	Container Type:	DM	Processing Status:	YES
Original Quantity:	503	Current Quantity:	0	Quantity UOM:	LBS
Drum Weight.	503	Weight UOM:	LBS	Tare Weight:	50
РСВ Туре:		Out of Service:		Serial #:	
Generator Company:	ETW	Generator Date:	6/21/2017	Generator EPA #:	WAD981769110
Area:		Location:	KP	Initial Tracking Date:	6/19/2017 11:41:47 AM
Processing Type:	Pump Leanwater				
Customer Batch #					
Off-spec Reason:		Comments:	rm/ss-yellow liquid ph7	MFG SKU:	
Waste Numbers:					4
F003	· · · · · · · · · · · · · · · · · · ·				
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Drum:	58942814	Inventory Mgt #:	C000000628	Customer Drum #:	[
Manifest Company:	KP	SO Branch: ETW Sales C	order #: 1703123062	· Load #:	1706222
Manifest Number:	007597105FLE	Manifest Line:	s	Lot #:	22529309
Manifest Status:	PR	Manifest Page:	1	Shipment Type:	DRUM
Profile:	A22K-INTER	UN / NA:	UN3082	Final Code Date:	7/3/2017 3:11:51 PM
Pre Waste Class:	A22K	Testing Waste Class:	A22K	Processing Waste Class:	A22K
Date Received:	6/26/2017 4:25:00 PM	Restrictions:	N	Billing Waste Class:	A22K
Container Size:	55	Container Type:	DM	Processing Status:	YES
Original Quantity:	131	Current Quantity:	0	Quantity UOM:	LBS
Drum Weight:	131	Weight UOM:	LBS	Tare Weight:	50
PCB Type:		Out of Service:		Serial #:	
Generator Company:	ETW	Generator Date:	6/21/2017	Generator EPA #:	WAD981769110
Area:		Location:	КР	Initial Tracking Date:	6/19/2017 11:41:47 AM
Processing Type:	Pump Leanwater			•	
Customer Batch #					•
Off-spec Reason:		Comments:	rm/ss-yellow liquid ph7	MFG SKU:	
Waste Numbers:		•			
F003		· · · · · · · · · · · · · · · · · · ·	٠,		
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ETW 1703123062

SC PPW 5/30/2017

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Form Approved, OMB No. 2050-0039 Please print or type. (Form designed for use on elite (12-pitch) typewriter. UNIFORM HAZARDOUS 1. Generator ID Number WAD981769110 2. Page 1 of 3, Emergency Response Phone (800) 483-3718 5 UU7 **WASTE MANIFEST** Generator's Site Address (if different than mailing address) **September of Maring Address** 1825 Alexander Avenue SAME Tacoma. WA 98421 Generator's Phone (206) 832-3200 6. Transporter 1 Company Name U.S. EPA ID Number WAD058364647 **Emerald Services, Inc** 7. Transporter 2 Company Name EPA ID Number usives userta ممعار Harbus 8. Designated Facility Name and Site Address U.Ş. EPA ID Number Clean Harbors Environmental Services, Inc. 2247 South Histograv 71 NED981723513 Kimball, NE 69145 (308) 235-4012 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) НМ Quantity Wt.Mol No. Type UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (TOLUENE, D001 D004 D005 004 DM 01541 P GENERATOR x ACETONE), 3, PG II WP01 D006 WP02 D001 D035 F003 2RQ, UN1263, WASTE PAINT RELATED MATERIAL, (ACETONE, 002 DM 01000 ETHANOL), 3, PG II (D001) F005 RQ, UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (ACETONE, D001 D007 D008 005 DM 03056 TOLUENEL 3. PG II (DO01) X F002 D036 F003 RQ, UN3175, WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., (TOLUENE ANDACETONE STILL BOTTO), 4.1, PG D035 F003 F005 001 DM 00344 ρ X # (F003) 14. Special Handling Instructions and Additional Information
1 FB4-AIR ERG\$128
2 FB4-INTER ERG\$128
2 FB4-TNTER ERG\$128 4X55 2X55 5X55 4.FB4-INTER GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consigrment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's Offeror's Printed/Typed Name -Signature DL 0 4 Import to U.S. Export from U.S. Port of entry/exit: z Transporter signature (for exports only): Date leaving U.S. 17. Transporter Acknowledgment of Receipt of Materials 17 Transporter 2 Printed/Typed Name Dav 106121127 18. Discrepancy 18a. Discrepancy Indication Space Туре Residue Quantity Partial Rejection Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number FACI Facility's Phone 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H040 2. H040 3. **HO40** 4. H**040** 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Day EPA FOR 18 FOR THE PROPERTY FOR THE PROPERTY OF THE PROPERTY O

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) ETW 1703123062 SC PPW 5/30/2017 Form Approved. OMB No. 2050-0039 UNIFORM HAZARDOUS WASTE MANIFEST 21. Generator ID Number 22. Page 23. Manifest Tracking Number (Continuation Sheet) WAD981769110 2 of 2 007597105FLE 24. Generator's Name **Emerald Services, Inc.** U.S. EPA ID Number Company Name 25. Transporter Company Name 26. Transporter \_ 27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 28. Containers 29. Total 30. Unit 31 Waste Codes Quantity Wt./Vol. НМ and Packing Group (if any)) No. Type 5. RO. UN3082. WASTE ENVIRONMENTALLY HAZARDOUS :003 002 00634 P DM SUBSTANCES, LIQUID, N.O.S., (ALCOHOLS, C12-14 SECONDARY ETH), 9, PG III (F003) 6. WASTE NON HAZARDOUS, NON D.O.T. REGULATED MATERIAL, (TOXIC, WASHINGTON STATE DANGEROUS WAS) MT02 001 DM 00428 7. WASTE NON HAZARDOUS, NON D.O.T. REGULATED MATERIAL. **WT02** (11,3,8,16,18,24-HEXABROMO-2,4, 11-II(2-HYDROXYPHENYLVMINOME) 002 DM 00812 GENERATOR 32. Special Handling Instructions and Additional Information
. A22k-inter ERG\$171 2X55 .A22k-inter .A22k-inter 1X55 2X55 33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name 34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name Month Day Signature Vear 35. Discrepancy omend lines Lat 7 Sec 276 to remove "waste"
per Kristina Berbe Labrul 17 #3 36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 5. H040 7. H040 6. H040



Page : 1 of 4

Printed Date :Jun 20, 2017

MANIFEST	INFOR	MATION			300662=00662		-8223098258	99#= sagg==ap#==aagp==a	
Gen	erator :	Emerald Serv	rices, Inc			Manifest	Tracking I	nfo.	
Ad	ddress:	1825 Alexand Tacoma,WA				007597105			
		WAD9817	769110		Sal	es Order No:	17031230	62	
LINE ITEM				T+		74-0274			
Line Item:	Pag	je No:	Profile No:	Treatability Group		LDR Disposa			
1.	1		FB4-AIR	NON-WASTEWA	TER	2 (This is subj	ect to LDF	₹.)	
EPA Wast	e Code		L	L	EPA Wa	ste SubCatego	rv		
D001			, <del>, , , , , , , , , , , , , , , , , , </del>			Ignitable Liquids			
D004					Toxicity C	haracteristic for	Arsenic		
D005					Toxicity Cl	naracteristic for l	Barium		
D006					Toxicity of	aracteristic for C	Cadmium		
D007					Toxicity Characteristic for Chromium				
D008					Toxicity Characteristic for Lead				
D010					Toxicity CI	naracteristic for S	Selenium		
D011					Toxicity CI	naracteristic for S	Silver		
	D029D03	0D031D032D03	3D019D020D021D02 33D034D035F001F0	22D023D024D025D0 02F003F004F005	NONE	-491 491			
Line Item:		e No:	Profile No:	Treatability Group		LDR Disposal	Category		
2.	11		FB4-INTER	NON-WASTEWA	rER	ER 2 (This is subject to LDR.)			
	į					,		•	
<b>EPA Wast</b>	e Code					ste SubCatego			
D001					Ignitables,	except High TO	C Liquids		
D035F003F	005				NONE	,			
				DR Chemical Da	ita				
				Į	<b>Inderlying</b>	Constitue	ents	Contaminants	
				7	lazardous	of		Subject to	
Chemical					onstituents	Conce	m 	Treatment	
2,4-DINITR	OIOLUE	ENE			Y	N		N	
BENZENE					Y	N N		N N	
LEAD					Y	N N		N	
TETRACHI	OROFT	HYI ENE			Y	N		N	
TRICHLOR					Ϋ́	N		N	
VINYL CHI					Y	N.		N.	



Page : 2 of 4

Printed Date: Jun 20, 2017

ENVIRONME	NTAL SERVICES*				Printed	I Date :Jun 20, 2017		
LINE ITEM I	NFORMATION					*****		
Line Item:	Page No:	Profile No:	Treatability Gro	oup:	LDR Disposal Categ	ory		
3.	1	FB4-INTER	NON-WASTEV	WATER	2 (This is subject to L	DR.)		
EPA Waste	Code	<b>L</b>		EPA Wa	ste SubCategory			
D001					, except High TOC Liquid	/s		
D007				Toxicity C	haracteristic for Chromiu	ım		
D008.					haracteristic for Lead			
D035F002F00	3F005			NONE				
			LDR Chemical	Data				
Chemical				Underlying Hazardous Constituents	Constituents of Concern	Contaminants Subject to Treatment		
2,4-DINITRO	TOLUENE	**************************************		<del>-</del>	N	N		
BENZENE				Y	N	N		
CADMIUM				Y	N	N		
LEAD				Υ	N	N		
TETRACHLO	ROETHYLENE			Y	N	N		
TRICHLORO	ETHYLENE			Y	N	N		
VINYL CHLO				Y	N	N		
	NFORMATION							
Line Item:	Page No:	Profile No:	Treatability Gro	7	LDR Disposal Category			
4.	1	FB4-INTER	NON-WASTEV	VATER	2 (This is subject to L	.DR.)		
EPA Waste (	Code			EPA Wa	ste SubCategory			
D035F003F00	5			NONE				
			LDR Chemical	Data				
Chemical				Underlying Hazardous Constituents	Constituents of Concern	Contaminants Subject to Treatment		
2,4-DINITRO	TOLUENE			Υ	N	N		
BENZENE	<del>_</del>			Y	N	N		
CADMIUM				Y	N	N		
LEAD				Y	N	N		
TETRACHLO	ROETHYLENE	•		Y	N	N		
TRICHLORO	ETHYLENE			. <b>Y</b>	N	N		
VINYL CHLO	RIDE			Y	N	N		



TRICHLOROETHYLENE

#### Land Disposal Restriction Notification Form

Page: 3 of 4

N

Printed Date: Jun 20, 2017 **ENVIRONMENTAL SERVICES** LINE ITEM INFORMATION Treatability Group: LDR Disposal Category Line Item: Page No: Profile No: 2 (This is subject to LDR.) 5. A22K-INTER NON-WASTEWATER **EPA Waste Code EPA Waste SubCategory** F003 NONE LDR Chemical Data Contaminants Underlying Constituents Subject to Hazardous of Treatment Constituents Concern Chemical 1,4-DINITROBENZENE N N BENZENE Υ N N **CADMIUM** Υ Ν Ν **LEAD** Υ N N M-CRESOL Y Ν Ν METHYL ETHYL KETONE O-CRESOL Y N Ν P-CRESOL Y N **PENTACHLORPHENOL** Υ Ν N **SELENIUM** Υ N N **TETRACHLOROETHYLENE** Y Y Ν TRICHLOROETHYLENE N N LINE ITEM INFORMATION LDR Disposal Category Line Item: Page No: Profile No: Treatability Group: A22K-INTER NON-WASTEWATER 2 (This is subject to LDR.) 6. LDR Chemical Data Underlying Contaminants Constituents Subject to Hazardous of Treatment Constituents Concern Chemical 1.4-DINITROBENZENE Ñ N BENZENE Y Ν N **CADMIUM** Y N N **LEAD** Y Ν N Y M-CRESOL N N METHYL ETHYL KETONE Y Y N O-CRESOL Y N N P-CRESOL Ν **PENTACHLORPHENOL** N N **SELENIUM** Υ Ν Ν **TETRACHLOROETHYLENE** Υ Y N



Page : 4 of 4

Printed Date: Jun 20, 2017

	ial sentices								
LINE ITEM INF		: Osefla Na:							
Line Item:	Page No:	Profile No:	Treatability Gro	- I	LDR Disposal Categor	*			
7.	2	A22K-INTER	NON-WASTEW	/ATER	2 (This is subject to LD	DR.)			
	i ! <b>!</b>	j   	i   		i ! !				
~~~~~~~			LDR Chemical	Data					
				Underlying	Constituents	Contaminants			
				Hazardous	of	Subject to			
Chemical		,	?+o	Constituents	Concern	Treatment			
1,4-DINITROB	ENZENE		· <b>-</b>	Υ	N	N			
BENZENE				<b>, Y</b>	N	N			
CADMIUM				Y	N	N			
LEAD				Υ	· <b>N</b>	N			
M-CRESOL				Y	N	N			
METHYL ETHY	'L KETONE			Y	Υ	N			
O-CRESOL				Υ	N	N			
P-CRESOL	•			Y	N	N			
<b>PENTACHLOR</b>	PHENOL			, <b>Y</b>	N	N			
SELENIUM		•		Y	N	N			
TETRACHLOR	OETHYLENE			Y	Υ	N			
TRICHLOROET	THYLENE			Y	N	N			
		Certif	ication			Applies to Manifest Line Items			
Pursuant to 40 Part 268.	CFR 268.7(a), I he	reby notify that this	shipment conta	ins waste rest	tricted under 40 CFR	1. 2. 3. 4. 5. 6. 7.			
Waste analysis Signature : Title :									

Drum: 58828001	Inventory Mgt #:		Customer Drum #:	170511019825
Manifest Company: KP	SO Branch: ETW Sales	Order #: 1703253367	Load #:	1707027
Manifest Number: 007597114FLE	Manifest Line:	5	Lot #:	22569706
Manifest Status: PR	Manifest Page:	1	Shipment Type:	DRUM
Profile: A22K-INTER	UN / NA.	UN3082	Final Code Date:	7/7/2017 3:10:48 PM
Pre Waste Class: A22K	Testing Waste Class:	A22K	Processing Waste Class:	A22K
Date Received: 7/5/2017 11:11:55 AM	Restrictions:	N	Billing Waste Class:	A22K
Container Size: 1	Container Type:	TP	Processing Status:	YES
Original Quantity: 1372	Current Quantity:	0	Quantity UOM:	LBS
Drum Weight: 1372	Weight UOM:	LBS	Tare Weight:	0
РСВ Туре:	Out of Service:		Serial #:	
enerator Company: ETW	Generator Date:	6/27/2017	Generator EPA #:	WAD981769110
Area:	Location:	KP	Initial Tracking Date:	6/7/2017 8:33:07 PM
Processing Type: Pump Leanwater				
Customer Batch #				
Off-spec Reason:	Comments:	tc/ss-blk liq, no heel ph5 TOT2	MFG SKU:	
Waste Numbers:				
D0:8			····-··	
				**
•				

ETW 1703253367

Ī	UNII	FORM HAZARDOUS	1. Generator ID Nu	imber 17691	4 O	2 Page 1 of	3, Emerge	ncy Respon	nse Phone	4. M	anifest	Tracking I	tumber		. 2050-0035
	_ **	ASTE MANIFEST	l			L			ss (if different	than mailing	addres		711	4	<u>FLE</u>
П		neralu Services, 125 Alexander A					SAME	010120	oo (ii diiidiidii			,			
П	Ta	coma. WA 984:	21  32-3200				COTAVIL								
$\Pi$		rator's Phone:		<del></del>	·	!	<del></del>			118.5	PAID	himber			<del></del>
Ш	En	ansporter   Company Nam nerald Services	Inc							ı W	ΑĎ	058	364	647	
Н	7. Tra	ensporter 2 Company Nam	°/		·····				-		PA ID N				
Н	8 De	signated Facility Name an	d Site Address	<u>1 '</u>							AA PAIDN	JC)7	4) E	22	<u>ര</u>
Ш	Ck	ean Harbors Env 47 South Highw	ironmental:	Services, I	no.								7235	i 1 3	
П		nball. NE 69141	5												
	Facili	ty's Pilone.	308) 235-4		<del> </del>					L_				1	
П	9a. HM	9b. U.S. DOT Description and Packing Group (if a		Shipping Name, i	Hazard Class, ID Number,	i.	⊢	10. Cont	tainers Type	11. To Quant		12. Unit Wt./Vol.	13	. Waste Cod	les
					IQUIDS, N.O.S.,	(TOLUEN	E.	002	DM	010	64	Р	D001	D004	D005
뎔	X	ACETONE), 3,	PG (I (D001)	)			- [	702	<b></b>	010	<b>3</b>	"	D006	WP01	WP02
GENERATOR	-	2 <b>RQ, UN1090</b> .	WASTE ACE	TONE, (AC	ETONE), 3, PG II	(100 LB	3)		<del> </del>		<u></u>		D001	F003	
19	x		_		• • •		· [	003	D M	015	38	P		<del> </del>	-
	<u> </u>	-BO 1184 252	WACTE DATE	RIBEIATE	D MATERIAL, (A	V STANKS	. +		ļ	1-			DANE	D035	E007
Н	x	3. PG II (D001		TI TOLINIE	er mentere h	rot (ONE)	•	004	D M	018	42	P		UUJO	PUU3
П													F005		
Ш	x	4RQ, UN1993, ACETATE), 3, 1	WASTE FLA	MMABLE L	.iQuids, N.O.S.,	(BUTYL		005	D M	024	15	P	D001	D007	D035
Ш	^	HOLINIE, O.		,			•			Ì			F003	F005	
	14. S	oecial Handling Instruction	s and Additional Info	rmation 63128	2X55		1							··	
	2.1	PB4-inter PB4-inter	EF	6\$127 6\$128	3X55 4X55										
Н		FB4—Inter		<b>128</b>	5X55										
П					are that the contents of this condition for transport acc										
П	1	Exporter, I certify that the o	contents of this consi	ignment conform	to the terms of the attache FR 262.27(a) (if I am a larg	d EPA Acknowle	edgment of	Consent.	-			orpore or			·····,
╽		rator's/Offecor's Printed/Typ		CONTRACTOR OF	Treating (a rund last		alum	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	J.	010100172			Mic	onth Day	y Year
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톧	l	nemational Shipments	Import to	o U.\$.	L.	Export from U	J.S.		entry/exit: eving U.S.;	<u>.                                    </u>				· · · · · · · · · · · · · · · · · · ·	
		sporter signature (for expor ansporter Acknowledgment		ials	,			Date (CE	2711NJ U.S.,						
ANSPORTER	Trans	porter 1 Printed/Typed Nar	pe .		•	Sign	ature	1	1					onth Day	Year
翠	Transi	porter 2 Printed/Typed Nar	1 mon	·		Şign	alyre	A-	1					G 3	y Year
TRA	$\leq$	soull 1	UR											6/2	217
1		iscrepancy	<del> </del>												
$\ $	18a. C	Discrepancy Indication Spa	Ca Quant	tity	Туре			Residue		L Par	tial Reje	ection		Full Re	jection
IJ		· ·			·····		Mani	est Referen	ce Number:						
15	18b. A	Atternate Facility (or General	ator)	-						U.S. E	PA ID N	umber	•		
8	Facilit	ly's Phone:				-				ì					
围		Signature of Alternate Facil	ity (or Generator)										М	onth Da	y Year
DESIGNATED FACILITY	10 11	AZAMINIS Wasta Danorf Ma	manament Liethoo!	Cordes lie code	s for hazardous waste trea	tment disposal	and record	nn gratum-1	·			<del></del>		l	<u> </u>
DES		040	anagornant Maurou (	2. <b>H040</b>	S OF THE CHANGE THE STATE OF THE		ano recycl	ny systems)	1	Ţ.	4. HQ	40			·
Ţ															
	_	esignated Facility Owner of	r Operator: Certificat	tion of receipt of h	hazardous materials coven		est except a	s noted in It	lem 18a					opth Day	у Үеаг
1	F	Am XI	409	war	1		PY	VI	rss.	Mo			17	75	
EP/	F. 1	8700.22 (Rev. 3.05) F	revious editions	re obsolete	for and will accep		7	<del>استامد و.</del> 1050ء				)ESTINA	TION ST	ATE (IE D	FOURED

290650 6548

Ple	ase pr	int or type. (Form designed for use on elite	12-pitch) typewriter.) <b>ETW 1703253367</b>			/30/201/		n Approved.	OMB No.	2050-0039	
<b>†</b>	UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet) 21. Generator ID Number WAD981769110			22. Page 2 of 2	22. Page 23. Manifest Tracking Number 2 of 2 007597114FLE						
П	24. 0	Generator's Name		1-4-	100.0	<u> </u>					
		Emerald Services, Inc									
	25. Transporter 3 Company Name RAR U.S. EPAID Number   MOROCOSTS 501973										
	26. 1	26. Transporter Company Name									
H	27a. HM	27b. U.S. DOT Description (including Proper Shi and Packing Group (if any))	pping Name, Hazard Class, ID Number,	28. Containers No. Type		29. Total Quantity	30. Unit Wt./Val.	31, Waste Codes			
	<b>—</b>	5. RO. UN3082. WASTE ENVI SUBSTANCES. LIQUID, N.O.S. ADDITIVES), 9, PG 111 (D016)	RONMENTALLY HAZARDOUS	001	TP	01372		0018			
H	-	WINNINGST'S' LO III (DATR)	· · · · · · · · · · · · · · · · · · ·	<del>                                     </del>	<del>                                     </del>		-				
	$\vdash$			<del> </del>	+		-	-			
GENERATOR											
GENE											
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				ļ	<del> </del>						
			·								
				<del>                                     </del>							
	32. S	pecial Handling Instructions and Additional Information 22k-inter ERG\$171 1XT	tion OTE		-	-					
1							٠				
TER	33. Tr	33. Transporter 3 Acknowledgment of Receipt of Materials Printed/Typed Name Signature Month Day Year									
TRANSPORTER	Susan L Hall SL40 Auran School 187 103 V							V7			
TRAN	Printe	ad/Typed Name	Signature					Moi I	nth Day	Year	
≧	35. D	iscrepancy		<del></del>	• • • •	· ·- ·-					
DESIGNATED FACILITY											
MATED	36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)  5. H040										
DESIG	<del>-</del>						<u>.</u>		<del></del>		
		9700 224 (Bay 2 05) Previous aditions on		DE	CNATER	FACILITY TO	DESTINA	TION STA	TE /IE DE	OLUBED)	

## Clean Harbors Manifest Addendum

Page:1 of 1

Generator ID Number:	Sales Order Number:
WAD981769110 0075971	14FLE 1703253367
Emerald Services, Inc	) 244 252 2 1 1 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3
1825 Alexander Avenue	
Tacoma, WA98421	
	scription. Waste Codes
1. FB4-AIR	D007 D008 D010
	D011 D012 D013
	D014 D015 D016
i !	D017 D018 D019
	D020 D021 D022
·	D023 D024 D025
	D026 D027 D028
	D029 D030 D031
	D032 D033 D034
	D035 F001 F002
	F003 F004 F005
CH Containe	cr# Customer Container #



Page: 1 of 3

Printed Date: Jun 27, 2017

MANIFEST INFORMATION Generator: Emerald Services, Inc. Manifest Tracking Info. 1825 Alexander Avenue 007597114FLE Address: Tacoma, WA 98421 EPA ID #: WAD981769110 Sales Order No: 1703253367 LINE ITEM INFORMATION Treatability Group: Line Item: Profile No: LDR Disposal Category Page No: 1. NON-WASTEWATER FB4-AIR 2 (This is subject to LDR.) EPA Waste SubCategory **EPA Waste Code** D001 High TOC Ignitable Liquids D004 **Toxicity Characteristic for Arsenic D005 Toxicity Characteristic for Barium** D006 Toxicity characteristic for Cadmium D007 **Toxicity Characteristic for Chromium Toxicity Characteristic for Lead** D008 D010 **Toxicity Characteristic for Selenium** D011 **Toxicity Characteristic for Silver** D012D013D014D015D016D017D018D019D020D021D022D023D024D025D02 NONE 6D027D028D029D030D031D032D033D034D035F001F002F003F004F005 LINE ITEM INFORMATION Line Item: Page No: Profile No: Treatability Group: LDR Disposal Category 2. FB4-INTER NON-WASTEWATER 2 (This is subject to LDR.) **EPA Waste Code EPA Waste SubCategory** D001 Ignitables, except High TOC Liquids NONE F003 LDR Chemical Data Contaminants Underlying Constituents Hazardous Subject to of Treatment Constituents Concern Chemical 2,4-DINITROTOLUENE N BENZENE Y N N **CADMIUM** Y N N **LEAD** Y N N TETRACHLOROETHYLENE Y N Ν TRICHLOROETHYLENE Y N VINYL CHLORIDE



Page : 2 of 3

Printed Date: Jun 27, 2017 LINE ITEM INFORMATION Line Item: Profile No: Treatability Group: LDR Disposal Category Page No: FB4-INTER NON-WASTEWATER 3 2 (This is subject to LDR.) **EPA Waste Code EPA Waste SubCategory** Ignitables, except High TOC Liquids D001 D035F003F005 NONE LDR Chemical Data Underlying Contaminants Constituents Hazardous of Subject to Treatment Constituents Concern Chemical 2.4-DINITROTOLUENE Ñ N **BENZENE** Y N N **CADMIUM** Y Ν Ν LEAD Y Ν Ν **TETRACHLOROETHYLENE** Ν N TRICHLOROETHYLENE N Ν VINYL CHLORIDE Ν LINE ITEM INFORMATION Page No: Treatability Group: LDR Disposal Category Line Item: Profile No: 4. FB4-INTER NON-WASTEWATER 2 (This is subject to LDR.) **EPA Waste Code EPA Waste SubCategory** D001 Ignitables, except High TOC Liquids D007 **Toxicity Characteristic for Chromium** NONE D035F003F005 LDR Chemical Data Underlying Contaminants Constituents Hazardous Subject to of **Treatment** Constituents Concern Chemical Ÿ 2.4-DINITROTOLUENE N N BENZENE Y N N **CADMIUM** Υ Ν Ν **LEAD** Y Ν N **TETRACHLOROETHYLENE** Ν N **TRICHLOROETHYLENE** N VINYL CHLORIDE



Page : 3 of 3

Printed Date :Jun 27, 2017

ENVIRONMENTAL SERVICES*										
LINE ITEM IN			. &		. = = = = = = = = = = = = = = = = = = =					
Line Item:	Page No:	Profile No:	Treatability Gro	ty Group: LDR Disposal Catego		ry				
5.	5.  2  A22K-INTER		NON-WASTEWATER		2 (This is subject to LDR.)					
EPA Waste Co										
D018 NONE										
LDR Chemical Data										
444				Underlying	Constituents	Contaminants				
			•	Hazardous	of	Subject to				
Chemical				Constituents	Concern	Treatment				
1,4-DINITROB	ENZENE		Y	N	N					
BENZENE				Y	N	N				
CADMIUM				Y	N	N				
LEAD				Y	N	N				
M-CRESOL		N	N							
METHYL ETHY	YL KETONE			Y	Y	N				
O-CRESOL				Y	N	N				
P-CRESOL				Υ	N	N				
PENTACHLORPHENOL				Υ	N	N				
SELENIUM				Y	N	N				
TETRACHLOROETHYLENE				Y	Y	N				
TRICHLOROE	THYLENE			Υ	N	<u> </u>				
	Applies to									
	Manifest Line									
		•				<u>Items</u>				
Dureyant to 40	Pursuant to 40 CFR 268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR 1. 2. 3. 4.									
Part 268.	1. 2. 3. 4. 15.									
			~~~~~~~~~~							
Waste analysis data, where available, is attached.										
Signature:	Signature: Print Name 1 1000									
Title :	mecily.	u Coordinate	Date:	1.	.27.17					
. 160	-ramerer:		Dute.		'aaaa'i	*				
			********							

Page 1 of 1

## **WSDRUM - Drum Viewing**

Drum:	57230488	Inventory Mgt #:	Customer Drum #:	
Manifest Company:	KP	SO Branch: DI Sales Order #: 170075	1191 Load #:	1703155
Manifest Number:	006952281JJK	Manifest Line: 6	Lot #:	21648859
Manifest Status:	PR	Manifest Page: 1	Shipment Type:	DRUM
Profile:	LCCRD	UN / NA: UN1204	Final Code Date:	3/28/2017 11:17:48 AM
Pre Waste Class:	LCCRD	Testing Waste Class: LCCRD	Processing Waste Class:	LCCRD
Date Received:	3/21/2017 3:15:18 PM	Restrictions: N	Billing Waste Class:	LCCRD
Container Size:	5	Container Type: <b>DF</b>	. Processing Status:	YES
Original Quantity:	3	Current Quantity: 0	Quantity UOM:	LBS
Drum Weight:	3	Weight UOM: LBS	Tare Weight:	2
PCB Type:		Out of Service:	Serial #:	
ienerator Company:	CO96061	Generator Date: 2/16/2017	Generator EPA #:	AKR000003806
Area:		Location: KP	Initial Tracking Date:	3/21/2017 3:15:18 PM
Processing Type:	Mix Special	0		
Customer Batch #				
Off-spec Reason:		Comments: sb-lp-nitroglycerin alcohol	solution in MFG SKU:	
CD Exists	:: Yes	CD Creation Date: 5/30/2017 7:0	3:44 AM <u>View CD</u>	Undo CD
	á.	IC CD Creation Date: N/A		
Waste Numbers:				
0001;P081				
				7.

# **WSRVWTRK - View Tracking Activities**

thuack				Properties   Compassion	n Drum sæwing (	Tustrens + Lab Results	History + Gen Roberts +	Profile Ratiothis 🦪
Tracking (	Number:	5723	0488	8				
Del Loc	Activity	Qty	Drum / Tank Vehicle	Actual Date	Manifest # Area	Profile # Ospsi Folly	Entry Date	User
KP	INCN	1	TOU	04/10/2017 03:46:15 PM			04/10/2017 03:46:30 PM	DUNEGANP
, КР	INVT			04/01/2017 08:56:06 AM	KP Van 34		04/01/2017 08:56:06 AM	AERNIR1
KP	INVT			03/31/2017 12:32:30 PM	KP Van 34		03/31/2017 12:32:30 PM	GILLMIJ1
KP	INVT			03/30/2017 11:21:09 AM	KP Van 34		03/30/2017 11:21:09 AM	GILLMIJ1
KP	INVT			03/30/2017 07:43:17 AM	57B:Rack 13:0:1		03/30/2017 07:43:17 AM	BOWROND1
KP	INVT			03/24/2017 01:21:51 PM	25 Inbound:Slat 1		03/24/2017 01:21:51 PM	KLUSSMP1
KP	PREC			03/21/2017 03:15:20 PM			03/21/2017 03:40:59 PM	KLUSSMP1
WA	HBLD		<u>5306</u>	03/16/2017 08:06:57 PM			03/16/2017 08:06:57 PM	WICKW1
WA	DSWT	1		03/16/2017 07:25:03 PM			03/16/2017 07:25:03 PM	WA_DrumScale_1
KP	RECV			02/16/2017 12:00:00 AM			03/16/2017 06:18:12 PM	MEFIJRJ1

# 

Please print or type. (Form designed for use on eitle (12-pitch) typewriter.)  LUNIFORM HAZARDOUS 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone 4.	For	
A LANGE TO THE PROPERTY OF THE		
WASTE MANIFEST   AKKUUUUUU3806   3   1(800)424-9300	Manifest Tracking I	
5. Generator's Name and Malting Address CPAI, ALPINE FACILITY Generator's Site Address (if different than male PO BOX 100360 9 MI NORTH OF N ANCHORAGE, AK 99510 907-670-4200 NUIQSUT, AK 997	IUIQSUT	
11	S. EPA ID Number	
11	AKROOOC S, EPA ID Number	JU5611
TOTEM OCEAN TRAILER EXPRESS  8. Designated Facility Name and Site Address CLEAN HARBORS ENV SERVICES INC U.S.	WADO70: S. EPA ID Number	397955
2247 SOUTH HIGHWAY 71 KIMBALL, NE 69145 Facility's Phone. (308) 235-4012	NED981	723513
	. Total 12. Unit	13. Waste Codes
	entity Wt./Vol.	
X   21 C  [ERG=128]   1   DM   L  2 RQ NA2212, ASBESTOS, 9, PGIII [ERG=171]   1   DF	20 P	D001 D007 D008 D016 D035 D039
2 RQ NA2212, ASBESTOS, 9, PGIII [ERG=171] 1 DF	41 P	
3 UN1992, WASTE FLAMMABLE LIQUIDS, TOXIC, N.O.S X (PETROLEUM DISTILLATES, METHANOL), 3 (6.1), PGII (FP = 18 1 DF (	o P	D001 D018 D022 F003 F005
4. UN3077, WASTE ENVIRONMENTALLY HAZARDOUS  X. SUBSTANCES, SOLID, N.O.S. (1,1,1,TRICHLOROETHANE, 1 DM 6  BENZENE), 9, PGIII [ERG=171]	9 P	D018 F001 F002 F005
14. Special Handling Instructions and Additional Information  1:CPA910201 15CPA0695 D040, U080, U154, U220 2:CH599964 17CPA0133 3:CHLCCRI  16CPA0526  15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the marked and labeled/placarded, and are in all respects in proper condition for transport eccording to applicable international and restonal governmental response, I certify that the contents of this consignment conform to the terms of the attached EPA Administratory or (b) (ft] am a small guantity generator) Generator's/Offeror's Printed/Typed Name    Signature   Signat	proper shipping nam agulations, if export sh	e, and are classified, packaged,
16. International Shipments Import to U.S. Export from U.S. Port of entry/exit:		10 410 1001
Transporter signature (for exports only): Date leaving it S.:		
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Memil	<del>-</del>	Month Day Year
annow Tiplace	2	12117117
Transporter 2 Printed town time Strugger	フ` <u> </u>	13 3 10 Ver
18. Discrepancy		
	Partiel Rejection	Full Rejection
18b. Alternate Facility (or Generator)  U.S.	. EPA ID Number	
A Facility's Phone:		1
18c. Signature of Alternate Facility (or Generator)	4.	Month Day Year
19. Hazardous Waste Report Management Method Codes (1.8., codes for nazardous Waste treatment, disposal, and recycling systems)	14	
14040 14141 14040	HO	40
20. Designated Facility Owner of Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a  Printed/Typed Name  Signature	2	Month Day Year
PA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.  DESIGNATED FACILITY TO DE	MACO	130117

t	_	FORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number AKR000003806	22. Page 2 OF 3		itest Tracking Na 1952281	umber	III Approved	OMB NO.	2000-003
	24. 6	Generator's Name CPAI, ALPINE FACILITY	ΓY		<del>-,1</del>		,			
	25.	Transporter 3 Company Name CA	RLILE TRANS SYSTEM	S, Inc. (TAC	OMA)	U.S. EPA ID	Number -10000	18747	,	
H	26. 1	Transporter 4 Company Name CLI	EAN HARBORS ENVIRO	NMENTAL S	SVCS.	U.S. EPAID MAC	Number 00393	22250		
	нм	27b. U.S. DOT Description (including Proper Shi and Packing Group (if any))		28. Conta	Iners Type	29. Total Quantity	30. Unit WL/Vol.	31.	Waste Codes	5
		UN3077, WASTE ENVIRONM SUBSTANCES, SOLID, N.O.S. Chloride), 9, PGIII [ERG=171]	ENTALLY HAZARDOUS (Tetrachlorosthylene, Methylen	e 1	DM	26	P *	D035	F002	F00
	×	UN1204, WASTE NITROGLYC PGII [FP = < 21 C] [ERG=127]	ERIN SOLUTION IN ALCOHOL,	3,	DF.	+ 2	P	D001	P081	
ı	×	UN1760, WASTE CORROSIVE DICHROMATE, SULFURIC AC ILLIMITED QU	ID), 8, PGII [ERG=154]	1	DF.	-5- -7-	P	D002	D007	
מבשבועאו	χ	UN1950, WASTE AEROSOLS,	2.1 [ERG=128]	1	DM DF	9	P	D001	D003	
פנע		UN3082, WASTE ENVIRONME		171] 1	DM DM	52	Р	D007	D011	·
1		EDG=4711	i. (CHROMIUM,SILVER), 9, PGII	ĺ	DF Dm	59	P	D007	D011	,
	x	UN1263, WASTE PAINT RELA KETONE, PETROLEUM NAPH IERG=1281	TED MATERIAL (METHYL N-AM THA), 3, PGIII [FP = < 60 C]	ML 1	DF	4	P	D001		
l	- 1	BUSINE WASTE ENVIRONMEN	NTALLY HAZARDOUS (CHROMIUM), 9, PGIII (ERG=	171] 3	DF	412	Р	D007		
	χ <sup>T</sup>	UN3077, WASTE ENVIRONME SUBSTANCES, SOLID, N.O.S.	NTALLY HAZARDOUS (LEAD), 9, PGIII [ERG=171]	1	DF	5	P	D008		
ŀ		LINBO77, WASTE ENVIRONME SUBSTANCES, SOLID, N.O.S.		1	DM	68	Р	D008		
	i: Of CPAI		100 17 17 15 17 15 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18							);
	Printe	ansporter 3 Acknowledgment of Receipt of Indiffyped Name Kawteck 1 in		ignature	R			Mo	nth Day	Year
2	Printe	ansporter Acknowledgment of Receipt of Ind/Typed Name	Tack set (	gnature	1				nth Day	Year
		ine 11 profile change	red to CH5516121	per Don N	Valor	ey 3-8	<del>)3-</del>  7	pK		
51	36 H:	azardous Waste Report Management Method Cod	es (i.e., crates for hazardous waste treatment, dispos	al and recycling systems)						•
DESIGNALED FACILLI		H040 1	H040 H09		$\underline{\hspace{0.1cm}}\mathcal{H}$	240	L	_ <i>HO</i> 4	$\mathcal{H}$	

Ī	UNI	FORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number AKR000003806	22. Page 3 OF 3		Hest Tracking Nun 1952281J				
II	24. (	Generator's Name								
11	_	CPAI, ALPINE FACILIT	Υ	•						
Н	25.	Transporter Company Name	exc-Forler Tracking		•	U.S. EPA ID N				_
Н	26	Fransporter Company Name	est ster tracking			U.S. EPAID N	lumber	202	625	
П	20.	Transporter Company Name			·	Д				
Ш	27a. HM	27b. U.S. DOT Description (including Proper Ship and Packing Group (if any))	ping Name, Hazard Class, ID Number,	28. Contaix No.	ners Type	29, Total Quantity	30. Unit Wt./Vol.	31. \	Waste Codes	.
$\ $	1	IN3082, WASTE ENVIRONME	NTALLY HAZARDOUS	<u> </u>	1,500	- <del>352</del> o		D007		
П	X	SUBSTANCES, LIQUID, N.O.S.	(CHROMIUM), 9, PGIII [ERG=171]	1	DM	443	•	-		
Ш	-	UN3077, ENVIRONMENTALLY	HATADIONIS SI INSTANCES	<del> </del>		773	P			$\vdash$
	X	SOLID, N.O.S. (CHROMIUM), 1	9, PGIII [ERG=171]	3	DF	410	,			
	x	LIN3077, ENVIRONMENTALLY SOLID, N.O.S. (Tetrachloroeth) IERG=171)	HAZARDOUS SUBSTANCES, riene, Methylene Chloride), 9, PGIII	1	DM	23	P			
GENERATOR -	x	ON3077, ENVIRONMENTALLY SOLID, N.O.S.(ZINC OXIDE), 8 ((LIMITED QUANT	HAZARDOUS SUBSTANCES, PGIII [ERG=171] F177 H	1	JAKE JOH	1	Pi			
EN GEN	x	UN3082, ENVIRONMENTALLY LIQUID, N.O.S. (METHYLENE E PGIII IERG=1711	HAZARDOUS SUBSTANCES, DIPHENYL DIISOCYANATE), 9,	1	DF	90	P			
	2	NON-REGULATED LIQUID		2	DF	110	Р			
						e!				
	15: C	pedal Handling Instructions and Additional Informat PA940209 16CPA0499 16: CPACE CCRC 16CPA0647 20: CHLCCRN	E990434 16CPA0383,0857,17CPA0136 1	7: CPACE990	1440 18C	PA0456 18:	CHLCC	RC 17CF	PA0129	19:
Ľ		NE 10-14 CESAG								
띮		ansporter Acknowledgment of Receipt of N d/Typed Name	laterials Signature					Mor	nth Day	Year
충	ŀ	Janiel U. Elearney		<u> </u>				13	3 1/0	1/2
ANS	34. Ti Printa	ansporterAcknowledgment of Receipt of N	laterials Signature					Mor	th Day	Year
E		•						L		┸┚
DESIGNATED FACILITY	35. D	screpancy					,			
IGNATE	36. H	ezardous Weste Report Menagement Method Code +O40 HO	s (i.e., codes for hazardous waste treatment, disposal, and re	ecycling systems)	Но	40	_1	H04	0	
DES		HOAD 1	1				1	•		
EPA	Form	8700-22A (Rev. 3-05) Previous editions are	obsolete.	DESIG	NATED F	ACILITY TO D	ESTINA	TION STA	TE (IF RE	QUIRED)

THE HAZARDOUS WASTES IDENTIFIED ON THE HAZARDOUS WASTE MANIFEST IDENTIFIED ABOVE AND BEARING THE EPA HAZARDOUS WASTE CODES LISTED BELOW ARE RESTRICTED WASTES WHICH ARE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT UNDER THE LAND DISPOSAL RESTRICTIONS, 40 CFR PART 288.7 (a)/2), AND RCRA SECTION 3004(D). IN ACCORDANCE WITH 40 CFR 288.7 (a), THE EPA WASTE CODE, WASTE SUBCATEGORY, AND TREATABILITY GROUPS, AS APPLICABLE, ARE INCLUDED BELOW.

INSTRUCTIONS - COMPLETE ALL SECTIONS. REFER TO PAGE 3 OF THIS FORM FOR KEY TERMS/DEFINITIONS.

- Column 3 Une Item: Enter the manifest line item number (e.g., 11a) that corresponds to the weste code(s).

  Column 2 Waste Codes/Subcategory; Check off all applicable weste codes. For D001 through D043, also check applicable subcategory; for F001 through F006, check applicable constituents.

  Column 3 Wasteweter/Non-westewater: Check off "WW" for westewater and "Non-wws.
- 3 Wastewater/Non-westewater. Check off "WW" for wastewater and "Non-WW" for non-wastewaters.
  4 LDR Hendling Code: Circle the appropriate handling code, as follows:
  The weste is a characteristic hazardous waste D001, D002, D003, D004-D011, or D018-43 which is intended for treatment/disposal in a CWA system, CWA-equivalent system, or Class I SDWA system. Underlying Hazardous Constituents (UHCs) are NOT required to be identified.
  The waste is a characteristic hazardous weste D001 High TOC ignitable Liquide Subcategory (i.e., greater than or equal to 10% TOC). Pursuant to 40 CFR 288.40, the waste must be treated using organic recovery (RORGS) or combustion (CMBST) technology. UHCs are NOT required to be identified.

  The waste for a detection of the contraction waste D001 (effect the Mich TOC Instabled Liquide) D002, D003 Systems Waster.
- (CMBST) technology. UHC's are NOT required to be identified. The waste is a characteristic hazardous waste D01 (other than High TOC ignitable Liquids), D002, D003 Explosive, Water Reactive or Other Reactive subcategory, D004-D011, D012-T non-wastewater, or D018-43 which is intended for treatment/disposal in a non-CWA system, non-CWA-equivalent system, or non-Ctass I SDWA system located in the United States. All UHC's which are reasonably expected to be present must be identified, except for D001 waste that is intended to be treated using organic recovery (RORGS) or combustion (CMBST) technologies. Identify UHC's by completing Sections I and IV of CHI Form LDR-1 Addendum and attach completed Addendum to this form.

  The weste is a characteristic (i.e., D-code) or listed (i.e., F-, K-, U-, or P-code) hazardous weste which is intended for export and treatment/disposal at a facility located outside the United States. LDR treatment standards do not apply to hazardous waste treated/disposed in a foreign country, and per USEPA guidance, the identification of UHC's (if applicable) is not required for treatment/disposal in the United States, all applicable LDR regulations would apply and a revised LDR notification would be required.
- 3 = neculrad
- required. The waste meets the definition of hazardous debris pursuant to 40 CFR 288.2(h) and is intended for treatment/ disposal in compliance with the alternate debris treatment technologies of 40 CFR 288.45. In accordance with the requirements of 40 CFR 288.7(a)(2): the contaminants subject to treatment (CSTT's) must be identified as part of this notification. Identify CSTT's by completing Section III and IV of the CHI Form LDR-1 Addendum and attach completed Addendum to this form. These constituents are being treated to comply with 40 CFR 288.45. The waste is a characteristic waste D003 Reactive Sulfide, Reactive Cyanide, or Unaxploded Ordnance subcategory, a characteristic waste D012- 17 westewater, or a listed (i.e., F-, K-, U-, or P-code) hazardous weste. UHC's are NOT required to be
- The waste is a lab pack that is intended for incineration using the alternative lab pack treatment standard under 40 CFR 268.42(c). UHC's are NOT required to be identified; however, the generator must complete and attach the lab pack certification statement on CHI Form LDR-LP. Note that in accordance with 40 CFR Part 268 Appendix IV, lab packs which contain waste codes D009, F019, K003, K004, K006, K006, K082, K071, K100, K108, P010, P011, P012, P076, P078, U134, and U151 are not eligible for
- NOTE: IF THE WASTE IS A SOIL CONTAMINATED WITH A LISTED OR CHARACTERISTIC WASTE AND THE GENERATOR WANTS TO USE THE ALTERNATE TREATMENT STANDARD FOR SOILS, CONTACT CORPORATE COMPLIANCE FOR THE APPROPRIATE LDR. NOTIFICATION FORM.

## SECTION I. CHARACTERISTIC WASTES DOO! THROUGH DO43

	COLUMN 1: LINE ITEM SEE MANIFEST	COLUMN 2: WASTE CODE / SUBCATEGORY	COLUMN 3: WASTEWATER/ NON-WASTEWATER	COLUMN 4: HANDLING CODE
	(, <mark>3,6,8 ,</mark> 11	[ ] D001 Ignitubles, except High TOC subcategory [ ] D001 High TOC Ignitable Liquids Subcategory (Greater than or equal to 10% TOC)	]/WW [] Non-WW (	10° 3° 6° 6
	3	D002 Corrostves   D003   Reactive Sulfide, per 281.23 (a)(5)   Reactive Cyanide, per 281.23(a)(5)	[]WW []Non-WW []WW []Non-WW	1 2 3 4 6 7
	•	[] Explosive, per 261.23(a)(6), (7) & (8) [] Water Reactive, per 261.23(a)(2), (3) & (4) [] Other Reactive, per 261.23(a)(1)	[]WW []Non-WW []Non-WW only []WW \$2Non-WW	1 2 3 4 6 1 2 3 4 6 1 2 3 4 6
		Unexploded Ordnance, Emergency Response     D004 Arsenic     O005 Bartum	[]WW []Non-WW []WW []Non-WW	1 2 3 4 6
		• •	[]WW []Non-WW	1 2 3 4 6
104,000	1,7911,12,15	[ ] Cadmium Containing Batteries    60 D007 Chromium   bd D008	[] WW MNon-WW	1 2 4 1 7
And malow	( <del>-71-1</del>	[ ] D008 [ ] Cadmium [ ] Cadmium Containing Batteries  54 D007 Chromium  54 D008 [ ] Lead [ ] Lead Acid Batteries	[] WW DLNon-WW [] Non-WW only	1 2 3 4 6 2 3 6
2 PK			CHI Form LDR-1, Page 1 of 3	[Effective 12/07/05]

[ ] 11. Cresol - mixed isomers (sum of o-, m- and

p-cresol)

#### SECTION I. CHARACTERISTIC WASTES D001-43 (CONTINUED) COLUMN 1: COLUMN 2: COLUMN 3: WASTEWATER/ COLUMN 4: HANDLING CODE LINE ITEM WASTE CODE / SUBCATEGORY SEE MANIFEST NON-WASTEWATER [ ] D009 [ ] D009 [ ] Low Mercury, less than 260 mg/kg Mercury [ ] High Mercury Organic Subcategory [ ] High Mercury Inorganic Subcategory [ ] D010 Selenium [ ] D011 Silver [ ] D012 Endrin [] WW [] Non-WW [] Non-WW only [] WW [] Non-WW [] WW [] Non-WW 3 3 3 2 4 4.10 ww Non-WW Non-WW Non-WW ww D013 Lindane j D013 Lindane j D014 Misthoxychlor j D015 Toxaphene j D016 2,4-D j D017 2,4-5-TP (Silvex) j D018 Benzene j D019 Carbon tetrachloride j D020 Chlordane 3 33 33 30 PM ww ww ww ww [] Non-WW [] Non-WW [] Non-WW [] Non-WW [] Non-WW [] Non-WW [] Non-WW [] Non-WW 4 4 3 3 3 3 ф jww jww 6 jww iww D022 Chloroform D023 o-Cresol Ф 3 ww D024 re-Cresol D025 p-Cresol D026 Cresol 8 [] Non-WW [] Non-WW [] Non-WW [] Non-WW [] Non-WW ww ww D027 1,4-Dichiorobenzene D028 1,2-Dichloroethene D029 1,1-Dichloroethylene ww D030 2,4-Dinitrotorysme D030 2,4-Dinitrotokysene D031 Heptachior (and its epoxide) D032 Hexachloroberzane D033 Hexachlorobateliene D034 Hexachlorothane ww ww ww Non-WW Non-WW Non-WW Non-WW 3 3 j ww j ww Non-WW D034 Hexachloroethane D035 Methyl ethyl tetone D036 Nitroberozene D037 Pentachlorophenol D038 Pyridine D039 Tetrachloroethylene D041 24,5-Trichlorophenol D042 2,4,6-Trichlorophenol Non-WW ww ww ww ww ww Non-WW Non-WW Non-WW Non-WW Non-WW Non-WW 3 3 2 3 6 [] D043 Vinyi Chloride []Non-WW SECTION II. SPENT SOLVENT WASTES FOOT THROUGH FOOS COLUMN 1: COLUMN 2: WASTE CODE / SUBCATEGORY COLUMN 3: WASTEWATER/ COLUMN 4: HANDLING CODE LINE ITEM SEE MANIFEST NON-WASTEWATER 34 \$6001 \$6002 \$6003 []F004 \$6006 []WW \$600-WW 3 4 5 65 \$ [ ] 1. ALL F001-F005 bd 2. Acetone bd 3. Bertzene [ ] 4. n-Butyl alcohol [ ] 5. Carbon disuffide 25. Pyridine DE 26. Tetrachioroethylene DE 27. Toluene DE 28. 1,1,1-Trichloro-[] 12. Cyclohexenone [] 13. o-Dichlorobenzene [] 14. 2-Ethoxyethanol (F006) only) 15. Ethyl acetate | ] 4. h-Busyi accontal | ] 5. Carbon disuffide | ] 6. Carbon tetrachloride | ] 7. Chtorobenzere | ] 8. o-Cresol | ] 9. m-Cresol (difficult to distinguish from --masse) [ ] 15. Ethyl acetate [ ] 16. Ethyl berzene [ ] 17. Ethyl ether [ ] 18. Isobutyl alsochol [ ] 19. Nethylene chloride [ ] 20. Methylene chloride [ ] 21. Methyl ethyl testone [ ] 22. Methyl isobutyl testone [ ] 23. Nitrobenzene [ ] 29. 1,1,2-Trichlaroethane [ ] 30. Trichloroethyler [ ] 31. 1.1.2-Trichloro-1,2,2-trifluoroethane p-cresof) [ ] 10. p-Cresol (difficult to methene K 33. Xylene - mbsed learmers distinguish from m-cresol) [ ] 24. 2-Nitropropane (F005 (sum of o-, m-, and

only)

CHI Form LDR-1, Page 2 of 3

[Effective 12/07/05]

p-xylene)

CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.	
LAND DISPOSAL RESTRICTION FORM LDR-1	

MANIFEST NOOGG	5 Z 281 SJC
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### SECTION III. CALIFORNIA LIST WASTES

	<del></del>								
COLUMN 1: LINE ITEM SEE MANIFEST	COLUMN 2: COLUMN 3: COLUMN 4: WASTE CODE / SUBCATEGORY WASTEWATER/ HANDLING CODE NON-WASTEWATER								
	Hazardous weste containing one or more of the folio Cettromia List consti		1	2	3	4	6		
	[] ALL CALIFORNIA LIST CONSTITUENTS [] Liquids with nickel greater than or equal to 134 [] Liquids with thatlium greater than or equal to 13 [] Liquids with PC8's > or = 50 ppm [] Waste containing HOC's > or = 1,000 mg/kg				-				

### SECTION IV. OTHER LISTED WASTES (F008-12, F019-F028, F037-38, F039, K., U., AND P-CODES)

COLUMN 1: LINE ITEM EE MANIFEST	COLUMN 2: WASTE CODE / SUBCATEGORY	WAST	LUMN 3: EWATER/ ISTEWATER	COLUMN 4: HANDLING CODE				
<del></del> -		[]ww	[] Non-WW	3	4	5	6	
<del></del> -		[]ww	[] Non-WW	3	4	5	6	
<del></del>		[]WW	[]Non-WW	3	4	5	6	
		[]ww	[] Non-WW	3	4	5	6	
		[]ww	[] Non-WW	3	4	5	6	
[ ] CHECK HEI SHEET.	RE IF ADDITIONAL LISTED WASTE CODES ARE PRESENT. COMPL	ETE AND A	TTACH LDR-1	CONTIN	UATI	ON		

[ ] CHECK HERE IF WASTE CODE F039 (MULTISOURCE LEACHATE) IS PRESENT. IDENTIFY F039 CONSTITUENTS BY COMPLETING SECTIONS II AND IV OF CHI FORM LDR-1 ADDENDUM AND ATTACH COMPLETED ADDENDUM TO THIS FORM.

### SECTION V. CONTACT NAME AND DATE

SECTION V. L	CHIACI NAME	ANU DATE	, ,
Print Name	Som	Widmer	DAME 2/16/2017

### KEY TERMS/DEFINITIONS

CLASS I SDWA SYSTEM means a Class I deep well facility regulated under the Safe Drinking Water Act (SDWA).

CWA SYSTEM means a controlland wastewater treatment facility discharging under a Clean Water Act (CWA) permit. For example, a C facility would treat organic or inorganic aqueous wastes and discharge the treated effluent to the local sewer system. Examples of CWA treatment systems owned and operated by Clean Harbors include the wastewater treatment operations at Baltimore (including the CES system), Bristol, Chicago, Cincinnati and Cleveland.

CWA-EQUIVALENT SYSTEM means a "zero discharge system" that engages in "CWA-equivalent" treatment before land disposal. Zero-discharge facilities treat hazardous wastes using "CWA-equivalent" treatment methods, but do not discharge the treatment effluent to a sever or water body (e.g., spray intgation land farm). "CWA-equivalent" treatment methods means biological treatment for organics, elikaline chlorination, or ferrous suffate precipitation for cyanide, precipitation's definentiation for metals, reduction of hazavalent chromitum, or other treatment technology that can be demonstrated to perform equally or greater than these technologies.

HIGH TOC IGNITABLE LIQUIDS SUBCATEGORY means an ignitable liquid hazardous waste (waste code D001) which contains greater than or equal to 10% total organic carbon (TOC). Pursuant to 40 CFR 268.40, such wastes must be treated using organic recovery (RORGS) or combustion (CMBST) technology. Examples of RORGS technologies include the CES unit at Clean Harbors of Baltimors. Examples of CMBST technologies include hazardous waste fuel blending and subsequent reuse at a cament kiln, or destruction at a RCRA incinerator.

WASTEWATERS are wastes that contain less than 1% by weight total organic carbon (TOC) and less than 1% by weight total suspended solids (TSS). [See 40 CFR 298.2(f)]

CHI Form LDR-1, Page 3 of 3

[Effective 12/07/05]

# SECTION IV. OTHER LISTED WASTES (F008-12, F019-F028, F037-38, F039, K., U., AND P-CODES) CONTINUED FROM PAGE 3 OF FORM LDR-1

COLUMN 1: LINE ITEM SEE MANIFEST	COLUMN 2: WASTE CODE / SUBCATEGORY	COLUMN 3: WASTEWATER/ NON-WASTEWATER	COLUMN 4: HANDLING CODE
1	u080	[]WW [(] Non-WW	3 4 3 6
1	U154	[]WW KINON-WW	3 4 🚳 6
1	<u>U220</u>	[]ww p(Non-ww	3 4 📆 6
6	P081	[]ww Þ{Non-ww	3 4 5 🜀 💪
		[]WW []Non-WW	3 4 5 6
		[]WW []Non-WW	3 4 5 6
		[]WW []Non-WW	3 4 5 6
		[]WW []Non-WW	3 4 5 6
		[]WW []Non-WW	3 4 5 6
		[]WW []Non-WW	3 4 6 6
<del></del>		WW-noN{} WW[]	3 4 5 6
	1	[]WW []Non-WW	3 4 5 6
·		[]WW []Non-WW	3 4 5 6
-		[]WW-[]Non-WW	3 4 5 6
		[]WW []Non-WW	3 4 5 6
<del></del>		[]WW []Non-WW	3 4 5 6
		[]WW []Non-WW	3 4 5 6
<del></del>		[]WW []Non-WW	3 4 5 6
		[]WW []Non-WW	3 4 5 6
		[]WW []Non-WW	3 4 5 6
	<del></del>	[]WW []Non-WW	3 4 5 6
		{]WW []Non-WW	3 4 5 6
		[]WW []Non-WW	3 4 5 6
		[]WW []Non-WW	3 4 5 8
		[]WW []Non-WW	3 4 5 8

Form LDR-1 Continuation Sheet, Page\_\_\_\_\_ of \_\_\_\_

[Revised 2/24/95]

Modified by DOBRINA2

# **WSDRUM - Drum Viewing**

Drum:	57878761	Inventory Mgt #:	C000002335	Customer Drum #:
Manifest Company: K	P	SO Branch: CZ Sales Order	#: <u>1701802125-001</u>	Load #: 1704143
Manifest Number: 0	07760175FLE	Manifest Line:	1	Lot #; 21894603
Manifest Status: P	R	Manifest Page:	1	Shipment Type: DRUM
Profile: <u>L</u>	CCRC	UN / NA:	UN2810	Final Code Date: 4/24/2017 4:50:05 PM
Pre Waste Class: Li	CCRC	Testing Waste Class:	LCCRC	Processing Waste Class: LCCRC
Date Received: 4	/21/2017 3:10:30 PM	Restrictions:	N	Billing Waste Class: LCCRC
Container Size: 5	5	Container Type:	DF	Processing Status: YES
Original Quantity: 1	56	Current Quantity:	0	Quantity UOM: LBS
Drum Weight 1	56	Weight UOM:	LBS	Tare Weight: 25
PCB Type:		Out of Service:		Serial #:
enerator Company: A	D2011	Generator Date:	4/20/2017	Generator EPA #: NMD002208627
Area:		Location:	KP	Initial Tracking Date: 4/21/2017 3:10:30 PM
Processing Type: M	ix Special			
Customer Batch #				
Off-spec Reason:		Comments:	das tox lp	MFG SKU:
Waste Numbers:				
D005;P075;U236;U240	)	·		
1				ر ۱۳۰۰ م
!				

Created: 4/20/2017 4:40:26 PM

on 4/28/2017 12:18:06 AM

N7041977

Form Approved. OMB No. 2050-0039 Please print or type. (Form designed for use on elite (12-pitch) typewriter.) UNIFORM HAZARDOUS 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone 007 **6U1 WASTE MANIFEST** Generator's Name and Mailing Address NAMED 992298627 Sing Address (if different than mailing address) Advanced Chemical Treatment 8133 Edith Blvd NE Generato Albuque rque, NM 87107 505-349-5229
6. Transporter 1 Company Name U.S. EPA ID Number CAR000070540 Advanced Chemical Transport Inc. (SV) U.S. EPA ID Number 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address Clean Harbors Environmental Services, Inc. (KP) NED981723513 2247 South Highway 71 s Phone: NE 60145 308 235 4012
9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 13. Waste Codes and Packing Group (if any)) Wt./Vol HM No. Type GENERATOR B078.0006.1229 UN2810, Weste Texic Liquids, Organic, n.o.s., 6.1, PGII, DF 55gel, CC55252-SP, LCCRC, IC4879-1 UN3082, Environmentally Hazardous Substance, Liquid, n.o.s., 9, PGIII, 55gai, CC55252-SP, LCCRC, IC4878-2 DF UN2810, Waste Toxic Liquids, Organic, n.e.s., 6.1, PGII, D004 D005 D007 DF 55gal, CC55252-SP, LCCRC, IC4879-3 D000 D011 D022 D004 UN1325, Weste Flammable Solids, Organic, n.e.s., 4.1, PGH, 5gal, CC55277-SP, LRCTD, IC4399-4 ndling Instructions and Additional Information Internal Project@umber - Document # 501949 3) U007, U044, U080, U188, U248; CC55252-SP 1) CC55252-SP 15. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) of (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name TUMS I Export from U.S. Ξ Transporter signature (for exports only): Date leaving U.S. 17. Transporter Acknowledgment of Receipt of Materials Transporter 2 Printed/Typed Name Signature 18. Discrepancy 18a. Discrepancy Indication Space ☐ Tvoe Quantity Partial Rejection Full Rejection Manifest Reference Number 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Dav 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Signatur EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

116		int or type. (Form designed for use on elite (	12-pitch) typewriter.) 21. Generator ID Number	<del></del>	22. Page	23 Man	ifest Tracking Num		Approved	. UNID NO.	2050-0039
1		FORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	NND002208827		2 of 5	20. 11.01	_	175 FL	E ·		
	24. G	endened Chamical Trasmant 5133 Edith Blvd NE Abuquarqua, NM 87107									
	25. 1	Transporter Company Name			<del>,</del>		U.S. EPA ID N	lumber			
	26. 1	fransporter Company Name					U.S. EPA ID N	lumber			
	27a. HM	27b. U.S. DOT Description (including Proper Ship and Packing Group (if any))	oping Name, Hazard Class, ID	Number,	28. Contain	rers Type	29. Total Quantity	30. Unit Wt./Vol.	31.	Waste Code	8
	X	5) UN3485, ICDINE; 5(8:1), PGI IC4511-1	ii, 306AL, 0085277	-6P, LOORA	ł	DF	100	P	NONE		
	х	6) UN2810, Waste Toxic Liquid CC55277-SP, LCCRC, IC4879-		I, PGII, 55gel,		DF	149	P	U012		
	×	7) UN2031, R.Q. Weste Nitria A leest 55% but not more then 70 Oxidizer, 55gail, CC58277-SP, L	% Nitric Acid, 6(5.1),			DF	186	Þ	D001	D <b>002</b>	
GENERATOR .	x	6) UN2031, R.O. Waste Nitric A least 55% but not more than 70 Oxidizer, 55gai, CC55277-SP, L	% Nime Acid, 6(3.1),		1	DF	136	Р	D0Q1	D002	
EEN	×	2) UN2031, R.O. Weste Nitric A more than 70% Nitric Acid, #(5. CC55277-SP, LCCRA, IC5043-	), PGI, NFPA2 Oxidi		1	ĊF	7	P	D001	D <b>00</b> 2	
	×	10) UN2334, Weste Alylamine, Hazsrd, Zone B, DOT-SP11248			1	CF	5	P	Doot		
	×	11) UN1325, WASTE FLAMMS 4.1, PGNCC56277-SP, LCCRD		IIC, N.O.S.,		DF	10	P	D001		
	×	12) UN2334, Weste Alylamine, HAZARD, ZONE B, DOT-SP112 0444392-9				CF	6	Đ	Doot		
	×	13) UN3254, R.Q. Wests Corres n.o.s., B. PGII, RQ=0002, 55gel			1	DF	199	P	0002		
	×	14) UN2031, R.Q. Waste Ninte: least 55% but not more than 70 RQ=D001, D002, NFPA 2 Oxidia	% Nitric Acid, 6(5.1),	PGIL	1	DF	282	P	Doo1	D002	
П	32.3	periodianding instructions and Additional Informa	lion a) FROM CO	S5277-SP ADC	7) F		C55277-SP	*DC-		8)	
	ER	G#; CC55277-8P ADC	9) ERG#; CC55	277-8P ADC-			:55277-6P A			111	
Ų!		GH; CG55277-SP ADC GH; CG55277-6P ADC	12) ERG#; CC5	55277-SP ADC	13) E	RG#; C	C55277-6P	ADC		14)	
TRANSPORTER		ansporterAcknowledgment of Receipt of Ind/Typed Name	Materials	Signature		-			Mo	nth Day	Year
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TRAN		d/Typed Name	Walterials	Signature					Ma 1	nth Day	Year
ETY.	35. Di	iscrepancy			· · · · · · · · · · · · · · · · · · ·		* * * * * * * * * * * * * * * * * * *			<b>!-</b>	
DESIGNATED FACILITY	36 14	ezardous Waste Report Management Method Cod	oo li o codoo ka barada	note treatment discount and	noveline protective				<del>-</del>		
SIGNAT	<u>5.</u>	HO4O 16. +	SS (I.S., CODES FOR NAZARODUS W	17. HOUC	) [8	3.4	040	19	1. H	<b>XC</b>	)
ÖĚ	IC	4141 111.+	1040	12.4141	1)3	<u>3. H</u>	040	114	1.41	040	2
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П	UITIF	(Continuation Sheet)	NMD002208627	3 of 5		227780	1175 FL	E		
Ш	24. G	Senerator's Name								
		Advanced Chemical Treatment 5133 Edith Blvd NE								
	25. 1	Albuquerque NM 87107  Fransporter Company Name				U.S. EPA ID N	lumber			
Ш		<del></del>				U.S. EPA ID N	lumber			
	26. T	ransporter Company Name				1	ionipei			
	27a. HM	27b. U.S. DOT Description (including Proper Ship and Packing Group (if any))	oping Name, Hazard Class, ID Number,	28. Contain No.	era Type	29. Total Quantity	30. Unit Wt./Vol.	31.	Waste Code	»s
	X	with nat i< 20%, but nat >40% H	gen Peraxide, Aquecus Solutione, lydrogen Peraxide, 5.1 (8), PCII, er, 55gel, CC55277-SP, LCCRO, K	(	DF	167	P	D001	D002	
	×	with not < 20%, but not >40% H	gen Peraxide, Aqueous Solutions, ydrogen Peraxids, 5.1(8), PGH, rer, 55gal, CC55277-SP, LRCTO, IC	1	DF	237	<b>a</b> .	D001	D002	
	х	with nat < 29%, but not > 49% H	gen Peroxide, Aqueous Solutions, lydrogen Peroxide, 5.1(8), PGII, lat, 88gail, CC88277-SP, LCCRO, K	1	DF	26	P	D001	D <b>002</b>	
GENERATOR	x	18) UN1479, R.C. Whete Chidiz RQ=D001, NFPA2 Chidizer, 55g		1	DF	196	p	Doot	D911	
	×		os, thorganic, Salutions, n.o.s., 5.1, or, 55gel, CC55277-SP, LCCRO,	1	DF	166	P	D001	D005	0005
	×	20) UN1479, R.Q. Waste Oxidiz RQ=0001, NFPA2 Chidizer, 55( IC5901-7		1	DF	152	P	D001	D005	Dose
	×	PGIL RO-0001, D007, NFPA2 LRRGG, IC5001-8	ac (Pro)	1	DF	196	P	D001	D007	
	×	22) UN3089, R.C. Wasia Oxidix PGII, RO-D001, D002, NFPA2 LCCRO, IC5001-9	ng Liquid, Compelve, N.o.s., 5.1(8), Oxidizer, 55gal, CC55277-SP,	1	DF	251	Þ	D007	D002	D096 D011
	×	PON, RO=0001, D002, NFPA2 LCCRO, IC5001-10	•	1	DF	165	Þ		D00Z D00B	D025
	×	24) UN3088, R.C. Waste Calif PGII, RO=D001, D002, NFPA2 LCCRA, IC5001-11	ing Liquid, Carroshe, n.c.s., 5.1(6), Oddiaer, SSgal. CCS5277-SP,	1 .	DF	208	Þ		D002 D008	D095 D011
	3459	ENGHALING CESSATO Y STANDER Informa	tion 16) ERG#; CC55277-SP ADC-	1	7) ERG#	CC55277-	SP AD	<u>.</u> }	<del></del>	1
		ERG#; CC55277-8P ADC	19) ERG#; CC55277-8P ADC-	2	0) ERG#	CC55277-	6P AD	>		- 1
$\ $		ERG#: CG55277-8P ADC ERG#: CG55277-8P ADC	22) ERG#; CC55277-SP <b>/D</b> C	2	3) ERG#;	; CC55277-	SP ADO	٠ <u></u>	<del></del>	İ
꼾		ansporterAcknowledgment of Receipt of I	Materials Signature					Ma	onth Dar	y Year
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2	rmte	nd/Typed Name	Signature	J				MC 1	onth Day	y Year
$\exists$	35. Di	iscrepancy					<u>-</u>		1	
ESIGNATED FACILITY										
	36. H	azardous Waste Report Management Method Cod	es (i.e., codes for hazardous waste treatment, disposal, and	recycling systems)	<del>З П</del>	1/11	1.10	<b>7</b> J	11/11	
띯	<u>~</u>		115. 77.	<u> </u>	<u></u>	<del>,~1</del> 1		<del> 7-</del>	7.2.T	$\overline{}$
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PA	Form	8700-22A (Rev. 3-05) Previous editions are	obsolete.	DESK	SNATED F	ACILITY TO E	DESTINA	TION STA	ATE (IF R	EQUIRED)

le		int or type. (Form designed for use on elite (						Approved	. OMB No.	2050-0039
✝	UNIF	FORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number NND002208627	22. Page 4 of 5	23. Manife	est Tracking Nun 9977 <del>8</del> 0		F		
	24. G	enerator's Name	1475-00120004	1 7 0 0		337700	,,,,,,,			
		Advanced Chemical Treatment 5133 Edith Blvd NE Abuguerque, NM 87107								
	25. 1	Fransporter Company Name		•		U.S. EPA ID N	lumber			
	26. T	ransporter Company Name				U.S. EPA ID N	lumber			
	27a. HM	27b. U.S. DOT Description (including Proper Ship and Packing Group (if any))	oping Name, Hazard Class, ID Number,	28. Contai	ners Type	29. Total Quantity	30. Unit	31.	Waste Code	ıs .
	×	25) UN3254, R.C. Wasta Corro n.p.s., 8, PGII, ROPD002, 55gal	sive Liquid, Acidic, Inorganic, , CC55277-SP, LCCRA, IC5091-1	2	DF	207	P	D005	D005	0011
	x		ing Liquid, Corrosive, n.o.s., 5.1(8 Oxidizer, 55gal, CC55277-SP,	3).	DF	113	P	D001	D002	D095
	×	27) UN3088, R.Q. Weste Oxidix PGB, RQ=D001, D002, NFPA2 LCCRO, IC5001-14	ing Liquid, Corroshe, n.o.s., 5.1(8 Oxidizer, 55gal, CC55277-6P,	3).	DF	169	P	D001	D002	D025
GENERATOR -	X	last 65% but not more than 70	Acid, other than red furning with at % Nitric Acid, 8(3.1), PGII, ar, 30gal, CC55277-SP, LCCRA,	1 1	DF	121	P	D001	D002	
- GEN	×	29) UN3254, Wasta Corrosive L PGII, 30gal, GC55277-SP, LCC	iquid, Addic, inorganic, n.o.a., 8, RA, ICS001-16		<b>O</b> F	83	Ρ	D002	D005	<b>D0</b> 07
	×	30) UN3088, Weste Oxidining Li PGB, NFPA2 Oxidizer, 15gal, CO	quid, Corrosive, n.e.s., 5.1(8), 555277-SP, LCCRO, IC5001-17	1	DF	35	P	D001	D <b>00</b> 2	<b>9</b> 011
	×	31) UN3088, R.Q. Weets Chidh PGII, RQ=0001, D002, NFPA.2 LCCRD, IC5001-18	ng Liquid, Carroeive, n.o.e., 5.1(8 Oxidisar, 16gal. CC66277-SP,	3).	DF	47	P	D001	D <b>00</b> 2	2005
	×	32) UN2459, Waste Dichlorolez 2 Oxidizer, 15gel, CC55277-SP,	ICCRO, ICS001-4# 20	A	DF	45	P	Dool		ng majayang di di 4 Manihi William
	×	33] UN3086, Wests Oridining Li POH, NFPA2 Chidizer, 10gal, Co	quid, Corrosine, n.o.s., 5.1(8), CSS277-SP, LRCTO, ICS001-21	1	DF	21	P	<b>D</b> 001		
	×	84) UN1488, Waste Petessium 2 Oxidzar, 5gal, CC55277-SP, L	Permanaganata, 5.1, PGII, NFPA CCRO. IC5001-25	1	ÐF	6	Đ	D001		
	28) 31)	ERG#: CC55277-8P ADC- ERG#: CC55277-8P ADC- ERG#: CG55277-8P ADC- ERG#: CG55277-8P ADC-	28) ERG#; CC55277-SP 28) ERG#; CC55277-SP 32) ERG#; CC55277-SP	ADC 8	0) ERG#;	CC55277- CC55277- CC55277-	ep ada	<u>-</u>		1
ORIER		ansporter Acknowledgment of Receipt of I d/Typed Name	Aaterials	Signature	<del> 3</del>	· · · · · · · · · · · · · · · · · · ·		Mo	nth Day	y Year
IKANSPORTER		ansporterAcknowledgment of Receipt of I d/Typed Name	Alaterials	Signature				Mo	nth Day	y Year
AIED FACILITY	Lii Ac	ocepancy ne32 Section 276 20, Dry, 5.1, PG II	•		aste 17	Trichlo	roîs	socy	anu	ric
3	36. H	azardous Waste Report Management Method Code  5. HOHO 126.	es (i.e., codes for hazardous waste treatment, disj	posal, and recycling systems)	8.4	040	6	9.4	104	0_
25	3	0. 4141 131.	H141 132.4	1141 13	33. +	1141	13	4. t	114	<u> </u>
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Me.		int or type. (Form designed for use on elite ) FORM HAZARDOUS WASTE MANIFEST	21. Generator ID Number		22. Page	23. Manif	est Tracking Nur	nber		MB 140. 2000-0003
		(Continuation Sheet)	NMD002208627		5 of 5	<u> </u>	227786	0175 FL	<u> </u>	
	24. G	ienerator's Name Advanced Chemical Treatment 3133 Edith Blvd NE Abuguerque, NM 87107								,
	25. 1	Fransporter Company Name					U.S. EPA ID N	Number		
	26. T	Transporter Company Name					U.S. EPA ID )	Number		
	27a. HM	27b. U.S. DOT Description (including Proper Shi and Packing Group (if any))	oping Name, Hazard Class, ID Number,		28. Contain No.	ers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Was	te Codes
	×	35) UN1479, Weste Oxidizing 6 Sgal. CC55277-SP, LCCRD, IC	olid, 5.1, PGII, NFPA 3 Oxidizar, 5001-27		1	DF	9	P	D001	
	×	36) UN3098, Waste Chidwing L PGII, NFPA2 Chidizer, Sgal, CC	iquid, Corroshe, n.o.s., 5.1(8), 55277-8P, LCCRO, IC5001-28			DF	16	P	D001	
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GENERATOR										
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	20.00	pariel Mandline lead anti-one and Additional Informa-	tion							
	*357	period and including loss or improved the constant of the cons	<sup>(ficin</sup> 38) ERG#; CC55277-SP A	<b>IDC-</b>						
ı,	33. Tr	ransporter Acknowledgment of Receipt of		inant a					34	Day V
TRANSPORTER	- AIDRE	rypou water	I	ignature					Month	Day Year
ANSF	34. Tr Printe	ransporter Advisory Acknowledgment of Receipt of ed/Typed Name		ignature					Month	Day Year
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Ę	35. U	screpancy								
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DESIGNATED FACILITY	36. H	azardous Waste Report Management Method Cod	es (i.e., codes for hazardous waste treatment, dispos	sal, and recy	rcling systems)			1		
DESK	<u> </u>	<u> </u>	<u> </u>		1					
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			GENERATOR NAME	MANIF	ST NUMBER
		Adva	nced Chemical Treatment	0077	60175 FLE
Line	TSD Approval#	Waste Code(s)	Subcategory	инсъ	NWW Special or WW Conditions
1	CC55252-SP /	D005			NWW
	CC55252-SP	P075			
		U236			
-		U248			
Line	TSD Approval#	Waste Code(s)	Subcategory	UHCS	NWW Special or WW Conditions
2	CC55252-SP / CC55252-SP	NONE			NWW
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
3	CC55252-SP /	D004			NWW
	CC55252-SP	D005			
		D007			
		D008			
		D011			
		D022			ŧ
		U007			
		U044			
		U080			
		· U188			
	- · · · ·	U248			
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
4	CC55277-SP / CC55277-SP	D001	Ignitable Chooseteris	lichaqle	NWW
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
5	CC55277-SP / CC55277-SP	NONE			NWW
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
6	CC55277-SP / CC55277-SP	U012			NWW

Line	TSD Approval#	Waste Code(s)	Subcategory	UHÇ'S	NWW or WW	Special Conditions
7	CC55277-SP / CC55277-SP	D001 D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
8	CC55277-SP / CC55277-SP	D001 D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
9	CC55277-SP / CC55277-SP	D001			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	WWW or WW	Special Conditions
10	CC55277-SP / CC55277-SP	D001			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
11	CC55277-SP / CC55277-SP	D001	Squitable Characterialic Was	rko	NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
12	CC55277-SP / CC55277-SP	D001	Ignitable Characteristics	Drike.	NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
13	CC55277-SP / CC55277-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
14	CC55277-SP / CC55277-SP	D001 D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	Or WW	Special Conditions
15	CC55277-SP / CC55277-SP	D001 D002			NWW	

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
16	CC55277-SP / CC55277-SP	D001 D002			NWW
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
17	CC55277-SP / CC55277-SP	D001 D002			NWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
18	CC55277-SP / CC55277-SP	D001 D011			NWW
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
19	CC55277-SP / CC55277-SP	D001 D005 D008			NWW
		D011			
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
20	CC55277-SP / CC55277-SP	D001 D005 D008 D011			NWW
Line	TSD Approval#	Weste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
21	CC55277-SP / CC55277-SP	D001			NWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
22	CC55277-SP / CC55277-SP	D001 D002 D005 D007 D008			NWW
	-	D011			

Line	TSD Approval#	Waste Code(s)	~ 4.	Subcategory	UHC'S	NWW Spe or WW Condit	
23	CC55277-SP /	D001	,			NWW	
]	CC55277-SP	D002					
		D005					
		D007				•	
l		D008					,
		D011					

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
24	CC55277-SP /	D001			NWW
ł	CC55277-SP	D002			
]		D005			
1		D007			•
		D008		,	
] [		D011			

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
25	CC55277-SP /	D002			NWW
	CC55277-SP	D005	•		
		D011			

Line	TSD Approval#	Waste Code(s)	Subcategory	UHCS	NWW Special or WW Conditions
26	CC55277-SP /	D001			NWW
	CC55277-SP	D002			
		D005			
	•	D007			
		D008			
		D011			

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
27	CC55277-SP/	D001			NWW
	CC55277-SP	D002			
		D005			
		D007			
		D008			
		D011		<u> </u>	

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	or WW	Special Conditions
28	CC55277-SP / CC55277-SP	D001			NWW	
		D002				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
29	CC55277-SP / CC55277-SP	D002			NWW	
		D005				
		D007				
Line	TSD Approval#	Waste Code(s)	Subcategory	ÜHCS	NWW or WW	Special Conditions
30	CC55277-SP / CC55277-SP	D001			NWW	
	0030211-02	D002		,		
		D011				
Line	TSD Approval #	Waste Code(s)	Subcatagory	UHC'S	NWW or WW	Special Conditions
31	CC55277-SP / CC55277-SP	D001			NWW	
	0033277-31	D002				
		D005				-
		D011	·			
_ine	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
32	CC55277-SP / CC55277-SP	D001			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	WW/ Or WW	Special Conditions
33	CC55277-SP / CC55277-SP	D001			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
34	CC55277-SP / CC55277-SP	D001			NWW	
ine	TSD Approval#	Wasta Code(s)	Subcategory	UHC'S	or WW	Special Conditions
35	CC55277-SP / CC55277-SP	D001			NWW	
ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
36	CC55277-SP / CC55277-SP	D001			NWW	

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#### SPECIAL CONDITIONS:

- A. Waste Requiring No Further Treatment
- 8. Lab Pack Waste Qualifying for Alternative Treatment und 40 CFR 268.40
- C. Hazardous Waste Debris subject to standard treatment requirements, 40 CFR 268.40
- D. Hazardous Waste Debris subject to alternative standards in 40 CFR 268 (list contaminants)
- E. Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
- F. Characteristic waste that are subject to the treatment standards in 268.40 (other than those expressed as a required method of treatment) that are reasonably expected to contain underlying hazardous constituents as defined in 268.2(i), are treated on-site to remove hazardous characteristic; and are sent off-site for treatment underlying hazardous constituents (list constituents)
- G. Characteristic wastes that contain underlying hazardous constituents as defined 268.2(i) that are treated on-site to remove the hazardous characteristic and the underlying hazardous constituents to levels in 268.48 Universal Treatment Standards.
- H. For Chemical Manufacturers, Petroleum Refineries, Coke By-Product Facilities and RCRATSDF handling wastes subject to 40 CFR 61 subpart FF ONLY. This waste is "Controlled Benzene Waste" which is subject to the notification requirements of 40 CFR subpart FF.
- L. Certification for contaminated soil indicating the presence or absence of characteristic and / or listed hazardous wastes.
- J. Certification for contaminated soil treated in accordance with 40 CFR 268.49

Waste analysis is attached where available; otherwise the information contained herin is based upon my thorough knowledge of the waste(s).

I hereby certify that I believe that the information I have submitted is true, accurate and complete.

SIGNATURE	πτLE	
-flads	Chemin	4/4/17

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION A

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste compiles with the treatment standards specified in 40 CFR part 268 subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I have submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION B

I certify under penalty of law that I personally have examined and am familiar with the waste and that lab pack contains only wastes which have not been excluded under appendix iv to 40 CFR 268. I am aware that there are significant penalties for submitting a false certification, including fine and imprisonment

## WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION F

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 286.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION G

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 286.40 to remove the hazardous characteristic, and that the underlying hazardous constituents, as defined in 268.2 have been treated on site to the 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

## WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION I

I certify under penalty of law that I personally have examined this contaminated soil and it [DOES/DOES NOT] contain listed hazardous waste and [DOES/DOES NOT] exhibit a characteristic of hazardous waste and requires treatment to meet the soil treatment standards as provided by 268.49(c).

## WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION J

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

Drum Viewing Page 1 of 1

# **WSDRUM - Drum Viewing**

Drum:	57895945	Inventory Mgt #:	Customer Drum #:	
Manifest Company:	КР	SO Branch: CZ Sales Order #: 1701792400-001	Load #:	1704143
Manifest Number:	007750184FLE-5	Manifest Line: 39	Lot #:	21893964
Manifest Status:	PR	Manifest Page: 7	Shipment Type:	DRUM
Profile:	LCCRC	UN / NA: UN2810	Final Code Date:	4/24/2017 4:25:11 PM
Pre Waste Class:	LCCRC	Testing Waste Class: LCCRC	Processing Waste Class:	LCCRC
Date Received:	4/21/2017 3:22:46 PM	Restrictions: N	Billing Waste Class:	LCCRC
Container Size:	55	Container Type: <b>DF</b>	Processing Status:	YES
Original Quantity:	162	Current Quantity: 0	Quantity UOM:	LBS
Drum Weight:	162	Weight UOM: LBS	Tare Weight:	25
РСВ Туре:		Out of Service:	Serial #:	
Generator Company:	AD2011	Generator Date: 4/20/2017	Generator EPA #:	NMD002208627
Area:		Location: KP	Initial Tracking Date:	4/21/2017 3:22:46 PM
Processing Type:	Mix Special			
Customer Batch #				
Off-spec Reason:		Comments: tw tox Ip	MFG SKU:	
Waste Numbers:				
D005;D011;P120				
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on 4/28/2017 12:18:06 AM

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Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039 2. Page 1 of 3. Emergency Response Phone UNIFORM HAZARDOUS 1. Generator ID Number 007 60184 **WASTE MANIFEST** Generator's Name and Mailing Address **Advanced Chemical Treatment** 6133 Edith Blvd NE Generato Albuquerque, NM 87107 505-349-5220 6. Transporter 1 Company Name U.S. EPA ID Number Advanced Chemical Transport Inc. (SV)
7. Transporter 2 Company Name CAR000070540 LLS EPA ID Number 8. Designated Facility Name and Site Address U.S. FPA ID Number Clean Harbors Environmental Services, Inc. (KP) NED981723513 2247 South Highway 71 Facility's Remball, NE 69145 308 235 4012 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) НМ Quantity Wt./Vol. Type No. 0084 GENERATOR UN1325, R.Q. Waste Flammable Solids, Organic, n.o.s., 4.1, DF PGII, RQ=D001, 55gal, CC55314-SP, LCCRD, IC5013-7 D004 D009 UN2020, R.Q. Waste Corrosive Liquid, Flammable, n.o.s., DF 8(3), PGII, RQ=D001, D002, 55gat, CC55314-8P, LCCRC, K4882-1 UN2920, R.Q. Waste Corresive Liquid, Flammeble, n.e.s., 8(3), PGH, RQ=D001, D002, 55gal, CC55314-SP, LCCRD, D004 D002 D001 D002 D022 UN2024, R.Q. Waste Flammable Liquid, Corrosive, n.o.s., 3(8), PGN, RQ=D001, D002, 55gal, CC55314-SP, LCCRD, 14. Special 124 Sections and Additional Information Internal Project Number - Document #: 901959 3) CC65314-SP 1) CC55314-SP 15. GENERATOR SIOFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement is entitled in 40 CFR 262.27(a) (if I am a large quantity generator) oc/b) (if I am a small quantity generator) is true Generator's/Offeror's Printed/Typed Nan Port of entrepoit Timport to U.S. Export from U.S. Transporter signature (for exports only): Date leaving U.S. 17. Transporter Acknowledgment of Receipt of Materials Transporter 2 Pphted/Typed Name 18. Discrepancy 18a. Discrepancy Indication Space Quantity Full Rejection Residue Partial Relection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

<u>Plea</u>	ise on	<u>int or type. (Form designed for use on élite (</u>							II Approved	1. OMID IN	. 2050-0039
1	_	FORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number NNAD002208627	-	22. Page	23. Man	ifest Tracking Nur 227760		E		
	24. G	ienerator's Name			<u> </u>				_		
		Advanced Chemical Treatment 5133 Edith Blvd NE Abuguerque, NM 87107									
	25. 1	Fransporter Company Name			_		U.S. EPAID N	lumber			
	26 T	Transporter Company Name					U.S. EPA ID N	lumber			
	20. 1	Company Name			<del></del>		<u> </u>				
	27a. HM	27b. U.S. DOT Description (including Proper Ship and Packing Group (if any))			28. Contai No.	ners Type	29. Total Quantity	30. Unit Wt./Vol.		Waste Code	es
	×	5) UN2824, R.Q. Waste Flamme PGII, RO=0991, D002, SSgel, C0	ble Liquid, Corrosive, n.o.s. 256314-SP, LCCRD, IC488	, 3(6), 2-4	l	DF	77	P	D221	0002	
	×	6) UN2824, R.Q. Waste Flamma PGII, RO=D221, D002, S5gai, C0			1	DF	221	P	D001	0002	
		7) UN3285, R.O. Waste Corresh	e Liquid, Addic, Organic, n.	0.8., 8,	`	<del> </del>	1	ρ	צנינים	PUTO	-
	×	PGII, RO=D222, 55gat, CC55314	I-BP, LGCRC, IC4882-6			DF	188	۲		<b> </b>	
GENERATOR -	×	8) UN3255, R.C. Wasts Corrosk PGII, RO=0222, 55gel, CC55314		D:8:1 <b>6</b> 1	1	DF	125	P	D232		
ENE		8) UN3285, R.C. <b>Ville III</b> CONSER	n Liquid, <b>Acidic, Cry</b> anic, n.	a.s., ā,	1	-	100	<b></b>	D992	<del>  -</del>	
ອ 	×	PGII, RO=0992, 56gal, CC55314	I-SP, LCCRC: IC4882-8			DF	132	P		<u> </u>	-
		10) UN3285, R.Q. Viseta Corros	Ne Liquid, Addic, Organic, r	).O.B.,		DF		Р	צנינים	<del>                                     </del>	<b> </b>
	×	a, PGII, RO=D222, 55gal, CC553	114-BP, LCCRC, IC4882-10	·		Ur	196			<del> </del>	
	×	11) UN\$285, R.Q. Vieste Corres 8, PGII, RQ=0002, 86gal, CC683	he Liquid, Addic, Organic, r	1.0.8.,	,	DF	1	P	<del>D332</del>		
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	×	12) UN2919, Waster Toxic Liquid GC55314-SP, LCCRC, IC4879-4		55gal;	1	DE	-10	Р	פנינם	<del>0022</del>	344
	^						70		U166	┼	<del> </del>
		19) UN2819, Waste Toxic Liquid CC55314-SP, LCCRC, IC4879-6		55gel,	· · · · · · · · · · · · · · · · · · ·	DF		P	<del>U958</del>	<del> </del>	188
		- Committee of the control of the co	•		1		116				
		14) UN2811, Toxic Solids, Organ				DE	00	_	NONE	-	<del> </del>
	×	CC55314-SP, LCCRC, IC4879-7			1	DF	177		<u></u>	ļ	
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		G#; CC55314-SP ADC I3H; CIC55314-SP ADC	12) ERG#; CG55314-6	SP ADC			C55314-6P			14)	
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lŀ	25. T	Abuquisrque, NN 57107 iransporter Company Name			· · · · · · · · · · · · · · · · · · ·		U.S. EPA ID I	lumber		_	
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	27a. HM	27b. U.S. DOT Description (Including Proper Ship and Packing Group (if any))	ping Name, Hazard Claes, ID Nu	mber,	28. Contain No.	Type	29. Totel Quantity	30. Unit Wt./Vol:	31.1	Waste Cod	es
	×	15) UN2611, Toxic Solida, Organ CC55314-SP, LCCRC, IC4879-6	ic, n.o.s., <b>6.1, PGII,</b> 55	3 <b>e</b> l,	(	DF	(77	P	NONE		
	X	15) UN2010, Weste Toxic Liquid CC55314-SP, LCCRC, IC4879-9		PGII, 55gal,	1	DF	144	P	D225		
	x	17) UN2810, Wests Toric Liquid CC55314-SP, LCCRC, IC4878-1		PGII, 55gel,		DF	120	Р	D225		
<b>≱</b> TOR	x	18) UN2610, Waste Toxic Liquid CC55314-SP, LCCRC, IC4878-1		Pdii, 55gal,	1	DF	1/4	P	0225	1011	
- GENERATOR	, X	18) UN3284, R.O. V/86ta Correst n.o.s.; 6, PGil, RQ=D002, 55gal; IC4678-12	Ne Liquid, Addic, incre CC55314-6P, LCCRA	ania, IC4879-12	1	DF	24	P	<b>D</b> 992	·	
	X	20) UN3284, R.Q. Vieste Corrosi n.o.s., 6, PGH, RQ=D002, 35gel,			1	DF	112	P	D332		
	×	21) UN2616, Toxio Liquido, Orga CG55314-8P, LCGRC, IC4878-1		sgel,		OF	132	P	NONE		
	×	22) UN2911, Wasto Toxic Solida CC55314-SP, LCCRC, IC4879-1	5		1	DF	1(1	P	Doos (	011	U144
		29) Non-RCRARegulated, Non- CC55314-SP, LCCRN, IC4879-1	6		1	DF	(8/	P	NONE		
	×	24) UN2810, Toxic Liquids, Orga GC55314-SP, LCCRC, IC4878-1		Sgel,	/	DF	126	P	NONE		
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	24. G	enerator's Name	((III) 00240201		, ,, ,,		321100		· <b>-</b>		
		Advanced Chemical Treatment									
1		31 33 Edith Blvd NE Albuguerque, NM 87 107.					U.S. EPA ID N	lumber	-	<del></del>	
	25. T	ransponer and company Name					1				
1	26 T	ransporter Company Name					U.S. EPA ID N	lumber			
	27a.	27b. U.S. DOT Description (including Proper Shi and Packing Group (if any))	pping Name, Hazard Class, ID Nun	nber,	28. Contain		29. Total Quantity	30. Unit Wt./Vol.	31.	Waste Code	ıs İ
	НМ				No.	Туре	Quantity	VYL/VQI.		1	
		25) UN1992, R.O. Weste Flamm PGII, RQ=D001, 55gal, CC5530	able Liquid, Taxic, n.o.t 7-sp / ccpn /c/nsc.	5., 3(5.1),		55	267		U154	<del>0</del> 001	
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		26) UN1992, Waste Flammable	Liquid Toole n.o.s. 30	1.1) PGU			01		F002	F003	992
	x	30gst, CC55397-SP, LCCRD, IC		5,, y, 1 <del>Car</del> ,		DF	4%	P			1
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		27) UN2610, Weste Toxic Liquid		PGII,	- (		2001	<b>P</b>	D211	0022	244
	X	55gal, CC55307-6P, LCCRC, IC	4889-6		'	DF	201	[	D007	U188	
¥		28) UN2810, Waste Toxic Liquid	- Omania a a 6 4 f	behit .	,		22		U227		
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뜅	x	28) UN2810, Toxic Liquids, Orga	Briic, n.o.8., 5.1, PGII, 5	Sgel,	1		1/4	l_	NONE		
	^	CC55307-SP, LCCRC, IC4869-5				DF	1160	P			
		SULLINGSEA D.O. Missie Course	ha Limeide Aridio Inco	manio	,		1/2		D222		
H	א	30) UN3284, R.O. Viseto Correshie Liquide, Addic, Inorganic, N.O.S., 8, PGII, RQ=0002, 55gsI, CG55327-BP, LCCRA, IC4888-			- [ ]	DF	11.7	P			ļ
		10		1		(00	<u> </u>			<u> </u>	
		81) UN3085, Weste Oxidizing B					1	م ا	D221		
1	×	NFPA Class 3 Ostdizer, Sgal, CC	66307-SP, LRCTO, ICE	iGQ1-29	\ j	DF	10	Ι'			1
		32) UN3105, Waste Organic Pe	rodde. Tyne D Lleuid. S	.2. 20na).	7		<del>\</del>	$\vdash$	D991 I	0003 4	lana.
	x	CC55307-SP, LRCTO, IC4356-2		- Langeri		DF	26	P		[	70
							10			1	10
		33) UN3105, Waste Organic Per CC55307-6P, LRCTO, IC5028-6		.2,5gal,		DF	1/	P	<b>U100</b> -1	D001 I	ว่าวร
	×	Cassin Par, Erca Fig. (Cassing)	•					ľ	PA		
		34) UN3108, Waste Organic Per	mide Tree E Sellet E 7	4 Egal			1:0		<u> </u>		
Ш	×	CC55307-SP, LRCTO, IC4358-4		. rayer,	-	DF	40	P	Dool	D003	
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뎸	36 H	azardous Waste Report Management Method Cod	es (i.e. codes for hazardous waste	e treatment discoveri and re-	voling systems)						
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	<b>VIII</b>	(Continuation Sheet)	NMD002208627	5 of 10	1	997760	0184 F1	Æ		
	24. G	enerato's Name Advenced Chamilcal Treatment 3133 Edith Blvd NE Abuguerque, NM 87107								
l	25. 1	Fransporter Company Name				U.S. EPA ID N	lumber			
	26. T	ransporter Company Name			<del></del>	U.S. EPA ID N	lumber			
	27a. HM	27b. U.S. DOT Description (Including Proper Ship and Packing Group (if any))		28. Contai No.	ners Type	29. Total Quantity	30. Unit Wt_∕Vol.	31.	Waste Code	es
	×	35) UN2824, Waste Flammable PGII, 15gal, CC55307-SP, LCCR	Liquid, Corrosine, n.o.s., 3(6), ID, IC5033-2	1	DF	58	P	D991	0002	
		36) Non-RCRA Regulated, Non- CC\$5409-6P, LCCRC, IC5015-2	DOT Hazardous Materiel, 55gal, !		DM	27	٩	NONE		
	x	37) UN2811, Waste Toxic Solids CC55408-SP, LCCRC, IC5015-3	, Organic, n.o.s., 5.1, PGB, 55gal,		CF	6	P	Doos	0006	
GENERATOR	×	38) UN3254, Wasta Corractus Li PGII, 55gal, CC55409-SP, LCCR		1	DF	185	P	D332		
- GEN	×	38) UN2810, Was to Toxic Liquid CC55409-SP, LCCRC, IC5015-8	s, Organic, n.p.e., S.1, PGII, 55gel, i		DF	162	Ρ	D005	9120 1	2011
		40) Non-RCRARegulated, Non- GC55498-BP, LCCRC, IC5215-6	DOT Hazardous Material, 55gal. i	1	DF	203	P	NONE		
	×	41) UN2810, Waste Toric Liquid GC86408-SP, LCCRC, IC5015-7	s, Organic, n.o.s., 5.1, PGII, 55gel,	(	DF	162	P	D995	9008	
) . } i	X	42) UN2810, Waste Toric Liquid CC55409-SP, LCCRC, IC5015-6	e, Organic. n.o.s., 5.1, PGII, 55gal, }		DF	211	P	Doos	D011 I	155
	×	43) UN1823, Sodium Hydroxide, 8P, LCCRB, IC5015-9	Salid, 8, PGII, 35gel, CC55409-	1	DF	458	P	NONE		
	×	44) UN1823, R.Q. WASTE SODI PGIL RQ=0002, ESGAL, CC5540		1	DF	447	P	D992		
<b>↓</b>	38) 41)	pegal Handling Instructions and Additional Informs ERG#; CC55307-SP ADC- ERG#; CC55409-SP ADC- ERG#; CC55409-SP ADC- ERG#; CC55409-SP ADC-	38) ERG#; CC55409-SP ( 38) ERG#; CC55409-SP ( 42) ERG#; CC55409-SP (	NDC	o) Ekal	; CC55409- ; CC55408- ; GC55408-	er ad	<u></u>		
TRANSPORTER		ansporter Acknowledgment of Receipt of d/Typed Name		Signature			<del></del>	Mc	onth Da	y Year
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F	40 F							<u> </u>		
DESIGNATED FACILITY		screpancy							,	
GNAI	36. H	azardous Waste Report Management Method Cod	es (i.e., codes for hazardous waste treatment, dispo HOHO 137. +		38. 4	104C	) 区	39. <del>I</del>	104	0
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PA	Form	Form 8700-22A (Rev. 3-05) Previous editions are obsolete.  DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)								

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t	UNI	FORM HAZARDOUS WASTE MANIFEST	21. Generator ID Number		22. Page 6 of 10	23. Manife	st Tracking Nun 227780		<b>.</b>		
П		(Continuation Sheet)	NMD002208627		9 04 19	<u> </u>	שפו זוניני	IOTEL			
	24. G	Secretor's Name  Advanced Chemical Treatment 3133 Edith Blvd NE Abuguargua, NM 87107									
	25. 1	Transporter Company Name					U.S. EPA ID N	lumber			
	26. 1	Fransporter Company Name				•	U.S. EPA ID N	lumber			
Н	<u> </u>	<u> </u>		<del></del>			1	·	1		_
	27a. HM	27b. U.S. DOT Description (including Proper Ship and Packing Group (if any))			28. Contain No.	ers Type	29. Total Quantity	30. Unit Wt./Voi.	31.	ıs	
	×	46) UNX826, K.C. Waste Corros 8(3), PGH, RO=D001, D002, 55g IC5015-11	NO LIQUIQ, HAMMADID, N.O.S. BI, CC55409-SP, LCCRC,	i	1	DF	23	P	D991	0002	
	×	46) UN1892, R.Q. WASTE FLAM 3(8.1), PGII, RQ=D001, D022, F0 LCCRD, IG5015-12	VABLE LIQUID, TÓXIC, N.O.S 03, 55GAL, CC55409-SP,	o <sub>t</sub>		DF	190	P	F003	0001	002
	×	47) UN3284, Weste Corrosive Li PGII, 30gai, CC55408-SP, LCCR		, 8,		DF	86	Р	D332		
GENERATOR -	×	48) UN3285, Waste Compsive Li PGII, 55gal. CC55409-SP, LCCR	C. IC5033-1	1,		DF	125	P	צנינים		
ENE GENE	×	48) UN\$554, R.O. Woste, Certosi n.o.s., 8, PGII, RO=0002, 35gai,		5-1	(	DF	244	Þ	D:1:12		
11	<b></b>	50) UN3204, R.Q. Vissta Corrus	lve Liquid, Acidio, Inorganio,		<del>,</del>		<b>V</b> (		0002	<del>                                     </del>	-
П	×	п.о.в., 8, PGH, RO=0002, 55gel,	CC55409-8P, LCCRA IC503	5-2	-	DF	n	P		Ì	
H					1	1	1/29		<u> </u>	1	<b>!</b>
Н	<b> </b>	31) UN3264, N.C. Ylavie Curus	iur Lianiei Acidic Imananie				<u> </u>		0002	<del>\$007</del>	╄
	×	n.o.s., 8. PGII, RQ=B902, 55gal,	CC66409-SP. LCCRA, IC693	16-3	- [	DF	46	P			
П		52) UN3284, R.Q. Visets Corne				DF	4	P	<del>D332</del>	<del>                                     </del>	1
	×	n.o.s., e, PGII, RQ=0002, 55gal, 53) UN3254, R.Q. Visste Corresi		15-4			247				
	V	n.o.s., 8. PGH, RQ=D002, 35gai,	CC55409-8P. LCCRA IC503	5-5	,	DF	11/2	P	D002		$\vdash$
	^	•					168				
П	<del>-</del>	54) UNSZā4, R.G. Vigeta Gorrosi n.a.e., S. PGil, RQ=0002, āāgai, s		E D	'	DF		Ð	<del>D998</del>	<del>0002</del>	
	×	Transfer at Family and States, singles,	wenter the control of	10-11	1		(35	•		ļ	
		DE A Photin Constitution and Adulthet Lotoma				TERGE;				<del></del>	
		ERGN; CC55409-8P ADC ERGN; CC56409-8P ADC	48) ERG#; CC5540 52) ERG#; CC5540		5	2) ERG#;	CC55408- CC55408-	GP AD(	<u></u>		
<b>↓</b>		ERGH; GC55409-6P ADG			5	a) Ercon,	-Bu Feecus				
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TRANSPORTER											
SE	34. Tr	ansporter Acknowledgment of Receipt of I	Materials	- Stant		·	· · · <u></u>			а	
₹.	Printe	d/Typed Name		Signature 					i Mi	onth Dag 	y Year
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MATE	36. H	azardous Waste Report Management Method Cod	es (i.e., codes for hazardous waste treatme	nt, disposal, and rec	ycling systems)	0 1			10 1	1011	$\overline{\wedge}$
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T	UNIF	(Continuation Sheet)	NMD002208627		7 of 10	İ	227780	1184 FL	.E		
Н	24. G	enerator's Name			<u> </u>	1					
		Advanced Chemical Treatment 3133 Edith Blvd NE									
Ш		Abuguarque, NM 97107									
П	25. T	Fransporter Company Name					U.S. EPA IÖ N	lumber			
Ц											
П	26. T	ransporter Company Name					U.S. EPA IĎ N	lumber			
Ш						·····	<u></u>				
H	27a.	27b. U.S. DOT Description (including Proper Ship and Packing Group (if arry))	oping Name, Hazard Class, ID Number,	L	28. Contair		29. Total	30. Unit	31.	Waste Codes	
Н		55) UN3254, R.Q. V/eats Corros	and invide Anidia Income in		No.	Туре	Quantity	Wt./Vol.	<del> </del>		
Ш		n.o.s., 6, PGH, RQ=D002, 55gel,			i	DF	1-11/		D335		
	"	•		l	- 1		1/4				
Н		55) UN3265, R.Q. Viesta Corresi	han Ligurid Acidic Omanic nos	<del></del>				<del></del>	D222		
Ш	∣x∣	8, PGII, RO=D222, Sagal, CC654	09-8P, LCCRA (C5035-6		1	DF	101	P	5332		A-44
Н					- }		170				
П	$\dashv$	57) UN2922, R.Q. Vieste Corresi	ha Liguid, Tools, n.a.s., 8(8.1)				- ( )		22נים		
11	×	PGII, RQ=D222, 55gal, CG53409		ļ	· 1	DF	IOM	P			
П	l			ŀ	- 1		( (U	Ì			
4	J		uone Ad., 8(6.1). PdN, RC=D002.		,		7-11	_	D22	J134	
5	×	55gel, CC55499-SP, LCCRA, IC!	5035-10		- 1	DF	1-11	P	ļ		
띪					{		- (1				
GENERATOR		5.1(8), PGH, RO=D001, D002, 30	en Perdalda, Aquadus Schullons,		1	₽₽	21		ו ופפס	0002	
ı	^	IC5095-13		. 1		<b>U</b> F	01/	P .	<u> </u>	1	
Н											
Н	l v l	50) UN1790, Waste Hydrofluoric CC55408-6P, LCCRA IC5035-1	4.		1	DF	U.S	Р	D332	J134	
П	_^I		•	ĺ			Yh	ľ			
Н	-	31) UNS495, ladine, 8(5.1), Palli,	Engl Cokking all Locks				(0	<u> </u>	NONE		-
Ц		1016017-1	, agai, ocaa-us-ar-, Eccito,		-	DF	12	P			
П	^				- 1		12	}			
	$\neg$	62) UN2922, R.C. VALUE CONTOS						_	F001	2002	
11	X	PGII, RO=0002, 65gal, CC55410	I-SP, LGCRC, IC5036-1			DF	134	p.			
П		29) Illiand D. D. Mines, D. L	. Hould be also become		(						1
П	×	h.a.à 6 (3), PGII, RQ=D001, D00	re, Liquid, Gerrestve, Flammable,		,	DF	100	P	ו וממכו	0002	
	_^	105035-2	is, wagm, country ( see, teautes,				[ZF]	ľ	<b></b>		
Н			re, Liquid, Corroelya, Plannnebie,		1		1,0				
		n.a.a 8 (3), PGR, RQ=D881, D89			1	DF	1/5	Þ	D001	0002	
Ш		IC5035-3			/		167				
	30-8-	making diamagan diama and deliland informa	tion FOR FRAME				777	<u> </u>	<u> </u>	<u> </u>	
Ш		ERGH: CC55409-8P ADC-	58) ERG#; CC55409-SP 58) ERG#; CC55409-8P	ADC-			CC55408- CC55408-				
	81)	ERG#; CC55409-8P ADC	52) ERG#; CC55410-8P				GC55410-				
↓}		ERO#; CG55410-6P ADG				,	· · ·				
	33. To	ansporter Acknowledgment of Receipt of i									
TRANSPORTER		d/Typed Name		Signature			· <del></del>		Mc	onth Day	Year
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2	34. Tr	ansporter Acknowledgment of Receipt of I	Materials								
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삘	36. H	azardous Waste Report Management Method Cod	es (l.e., codes for hazardous waste treatment, disp	osal, and reco	ycling systems)					1, 4,	
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蔔	10	A 110-10		10-1	<del>~ ·</del>					10	$\overline{\overline{}}$
	U	U.HU4U 161. Y	H040 162. t	<u> 104</u> 1		13. H	<u>UHU</u>		<u>24.†</u>	<u> 104</u>	$\cup$
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-108 - T		int or type. (Form designed for use on elite (	12-pitch) typewriter.) 21. Generator ID Number		22. Page	23. Manif	est Tracking Nur		n Approveu	. UNID NU.	2050-0039	
$\parallel$	UNIF	FORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	NMD002208627		of 10		227780		Æ			
П	24. G	enerator's Name										
Ш		Advanced Chemical Treatment 5133 Edith Blvd NE										
		Albuquerque, NM 97107			LI.S. EPA ID Number							
Ш	25. T	Fransporler Company Name					1					
Ш				· · · · · · · · · · · · · · · · · · ·	<del>.</del>		U.S. EPA ID N	lumber				
Ш	26. T	ransporter Company Name	-				1					
Ш	27a.	27b. U.S. DOT Description (including Proper Ship	ping Name, Hazard Class, ID Number,		28. Contai	ners	29. Total	30. Unit	24	Idlanta Oada		
Ш	нм	and Packing Group (If any)) UNIZE	27,		No.	Туре	Quantity	Wt./Vol.	31.	Waste Code	s .	
Ш		55) UN2727, R.C. Viesto Toxio L 6.1 (8), PGB, RD=D002, 55gel, C			, l		مدر		D003			
Ш	×	9.1 (a), Pasi, Rai-Duaz, Sogui, C	Coot I Vior, Cucro, 1603	3	- { <sup>‡</sup>	DF	17/2	P		1		
П		1/-	Mariat (PA) DON Anal				1/0		D001 (	0002		
Ш	x	66) UN2789, Weste Acetic Acid, ( CC55410-SP, LCCRC, IC5986-5			1 -	DF	001	P	וניניט	0002		
Ш	^		,		- (		76					
Н	_	87) UN2810, Waste Toric Liquid	Ornanic n.a. 81 BGII	Saal	<del></del>				7כיכים	D022 1	244	
Ш	X	CC55410-8P, LCCRC, IC5238-1		anger,	- 1	DF	181	P	U958***	UTEE	ļ	
Ш							101		1300			
쏫		58) UN3250, Corrosive Solid, Ad		iH,	1	25	167		NONE			
뒭	X	55gal, CC55419-SP, LCCRA, IC	50 <b>38</b> -2		- [	DF	102	P		<del> </del>		
GENERATOR		99) UN3284, R.O. VIBAN COMOR										
띵	×	n.o.s., 8, PGB, RQ=D002, 55gsl,			- 11	DF	100	P	D003			
ıl			•			<del>-</del>	120	l'				
Ш	-i	70) UN3280, Corrosive Solid, Ac	dic, Inorganic, n.o.s., 8, PG	<u>u.                                      </u>	<del>`</del>	:	1		NONE	<del>                                     </del>		
Ш	×	55gal, CC55412-BP, LCCRA IC	5038-4	1	- 1	DF	137	P				
Ш				1	1	1	1//					
Ш	J	71] UN1892, R.C. VASCIA Plamm	able Liquid, Tanic, n.o.e., S	(8.1),		l	Tild	p	<del> D991  </del>	0022	003	
Ш	×	PGII, RD=D221, 55gat, CC68412	I-SP, LCCRD. IC5038-5		- 1	DF	177	ļ <b>'</b>	ļ	<u> </u>		
Ш		72) UN3254, R.Q. Visste Corresi			<u> </u>		, t l		D::::22			
Ш		n.o.s., e. PGII, RQ=0002, 55gal.			- /	DF	1/1	P	U-3-54	Ì		
	- î	CC-SP, LCCRA IC5058-5				.	IIX			<del> </del>		
H		79) UN3264, R.O. Waste Correct			<del></del>	-	<del>', '</del>		י בככם	<del>0007</del>		
Н	×	n.a.s., 8. PGII, RQ=D002. 55gsl,	CC55410-8P. LCCRA, IC59	236-7		DF	175	12				
Н					1		(1)					
$\ \cdot\ $		74) UN1826, Waste Flammable		Pell,	1	DF	1/1	P	<u> १</u> दृष्ट			
Ш	×	39gal, 88gal, CC85410-SP, LCC	ra), jigalar-4	ł	1		1.1	-	ļ			
Ш							20					
	•	FROM dis COSS 440-SP 4000 Informa					CC55410					
П		ERG#; CC55410-8P ADC ERG#; CC55410-8P ADC	59) ERG#; CC554 72) ERG#; CC554				CC55410					
Н		ERG#; CG55410-6P ADC	/2) EROW, COSS4	10-0F AUC	/	J) ERG#;	CC55410	SP AU	<u>ن</u>	<del></del>	l	
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핡	34. Tr	ansporterAcknowledgment of Receipt of f	Asterials		· · ·							
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빩	36. Ha	azardous Waste Report Management Method Cod	es (l.e., codes for hazardous waste treat	ment, disposal, and rec	ycling systems)		<b>.</b>					
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	4(	7. HUYU   H. f	1040 Ta	<del>2. H04</del>	<u>U 17</u>	3 F	<u>1040</u>	1	44.1	<u> 104</u>		
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	<b>4.4</b>	(Continuation Sheet)	NND002208627	9 of 10		227780	184 FL	E				
Ш	24. G	ienerator's Name										
Ш		Advanced Chemical Treatment 3133 Edith Blvd NE								i		
Ш		Albuquerque, NM 97107				U.S. EPA IO	lumber		<del></del>			
Ш	25. 1	Fransporter Company Name				1	•					
	26. T	6. Transporter Company Name U.S. EPA ID Number										
	27a. HM	27b. U.S. DOT Description (including Proper Ship and Packing Group (if any))	29. Total Quantity	30. Unit Wt./Vol.								
		75) UN3085, Waste Oxidizing Liq	uid; Gorosine; n.o.s.; 5.1(5),	1		10		D208	<b>D</b> 011	2001		
	×	PGII, NFPA 2 Oxidizer, 30gal, CC5	554113-8P, LCCRO, IC5038-9		DF	XO	P	D)))2				
	X	76) UN3261, CORROSIVE SOLID PGII, 300AL, CC55410-SP, IC503	I, ACIDIC, ORGANIC, N.O.S., 8, 38-11 LCCRC		DF	75	P					
	×	77) UN2810, Waste Toxic Liquide 55gal, CC55419-5P, LCCRC, IC4			DF	173	P	L1240	U248	•		
¥		78) UN2810, Waste Toxic Liquide	, Organic, n.o.s. , 5.1 , PGII ,			1100		D211		1		
GENERATOR	X	55gal, CC55419-SP, LCCRC. IC4		(	DF	187	P	<u></u>	<del> </del>			
GEN		78) UN2810, Toda Uquida, Orga: CG55410-SP, LCCRC, IC4991-2	NC, N.D.G. , S.1 , PGH , 55gal,	1		-110		NONE	1			
ī	*	CORREL MAN - FROM PRANCE -			DF	141)	Ρ.	<u> </u>	<del> </del>	1		
		80) UN2810, Waste Toxic Liquids	, Organic, n.o.s. , S.1 , PGil ,			101		U166	<b>J236</b>			
$\parallel$	×	\$5gal, CC\$5419-BP, LCCRC, IC4	las1-3		DF	1 7X/2	P		· .	<del>  </del>		
Ш		or ( ) Alicon Rose Ro & Rose contract Alicon S				100		NONE	-	-		
		81) Non-RCRA Regulated, Non-E CC65410-8P, LCCRC, IC4881-4			DF	214	P		ļ			
H		52) Non-RCRARegulated, Non-L	OT Hazardoue Material, 55gal,	- '.				NONE		<del>                                     </del>		
		CC55410-SP, LCCRC, IC4991-5			DF	199	P					
	×	85) UN2810, Waste Toxic Liquide 66gal, CC66419-SP, LCCRC, ICA	i, Organic, n.o.s. , s.1 , PGII ,		DE	120	Р	D004	<b>V058</b>			
	^		·····	1 /		120	ľ	<u> </u>	<del> </del>	<del> </del>		
П		84) Non-RCRARegulated, Non-E	XXII Hazardous Material, 55gal,			7		NONE	-	┼		
		CC55419-SP, LCCRC, IC4981-7			DF	143	P		<del> </del>			
H	759	pecial Handling Instructions and Additional Information	ion 76) ERG#; CC55410-SP AD	)C· 7	7) ERG	CC55410-	SP AD	 Ca	<u> </u>	-		
Ш	78)	ERGH, CC55410-8P ADC-	78) ERG#; CC55410-8P AD	)C 8	o) ERG#	CC55410-	SP ADO	<u> </u>				
↓		ERG#; CC55410-6P ADC	82) ERG#; CC55410-8P AD	)C 8	3) ERGI	; GC55410-	SEP ADO	·				
出		ansporter Acknowledgment of Receipt of M		inature	DF 173 P DF 187 P DF 140 P DF 186 P DF 214 P		M-	onth Da	v Year			
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旧	36. H	azardous Waste Hot #44 agement Method Code	es (i.e., codes for hazardous waste treatment, disposa	al, and recycling systems)					. ,			
흸	7	5. HO-10 176.	THOHO IFITHO	40 F	8.H	240	[7	<u>9.H</u>	<u> </u>	)		
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PA	<u> </u>	8700-22A (Rev. 3-05) Previous editions are			GNATED!	FACILITY TO D			ATE (IF R	EQUIRED)		

Continuation Short	A		INTO TYPE. (FORM DESIGNED FOR USE ON CITIE (	21. Generator ID Number	· · · · · · · · · · · · · · · · · · ·	22. Page	23. Manif	est Tracking Nun	ber	тррючес	. 0140 14	<u>0. 2030-0035</u>	
23. Secular Student   23. Secular Student		01111		NMD002208827	1	B of 10		227780	184 FL	E			
313 Scalin Brief Net   157   25 Transporter   150 Price   150 Pr	1.	24. G	ienerator's Name										
25   Transporter			8133 Edith Blud NE										
25   Transporter		25. T	Transporter Company Name					U.S. EPA ID N	lumber				
27.	١							110 504104	l. make a				
No.   17/29   Ocardo   Winds   Oct.		26. T	26. Transporter Company Name U.S. EPA ID Number										
CCSS410-8P, LCCRC, K-981-8			27b. U.S. DOT Description (including Proper Shi and Packing Group (if any))	Br,					31. Waste Codes				
CC55410-SP, LCCRC, K-4981-9					, 55qal;	(	DF	235		NONE			
X   Poil, Signi, Cc55410-SP   LCCRD, LC4881-10   DF   D91   0035   P003		×	86) UN2810, Toric Liquids, Orga CC55410-SP, LCCRC, IC4981-9	P, LCCRC, IC4981-9		NONE							
### Polity Color   Page					3(5.1),			705	1 0	ונכם	0038	F003	
X   PGII, SSgal, CCSS410-SP, LCCRD, C4881-11   DF		_ X	PGII, 55gal, CC55419-&P, LCGR	Name and Chamilical Trachment didn't River New Year Company Name      U.S. EPA ID Number		U003							
RC4881-12   S0) UN3234, R.Q. Wiests Fishmashis Liquids, Cerrosive, n.o.s., x8, Real, Rca-Dunii, Donz., Sagel, Oct S410-dP, LCGRD.   DF   275 P   D991 D002 D916   F003   D992 D916   F003   D992 D916   D992 D916   D992 D916   D992 D916   D992 D916   D992 D916   D992 D916   D992 D916   D992 D916   D992 D916   D992 D916   D992 D916   D992 D916   D992 D916   D992 D916   D992 D916   D992 D916 D916   D992 D916   D992 D916 D916 D916 D916 D916 D916 D916 D916	RATOR	x	88) UN1892, R.C. Weets Flamm PGII, SSgel, CC55410-SP, LCCF	able Liquid, Taxic, n.o.s C., IC4881-11	.3(5.1).		<b>D</b> F	200	P	DOOI	0035	F003	
C4881-12   S0 UN2924, R.Q. Vises to Fisher method Liquides, Corrosive, n.o.s.   S0 UN2924, R.Q. Vises to Fisher method   Corrosive, n.o.s.   DF   275   P   D001   D002   C016   F003   DF   RC4881-13   DF   RC	GENE					7 1	DE.	701	D	ומפכ	0002	D018	
X   X(6), Polit, Rog-Dard 1, Dog 2, 55gel, GC\$9410-8P, LCCRD, RC4881-13   PROBA   PR	1	^			,	!	<b>U</b> F	201		F003			
86) ERG#; CC55410-SP ADC- CC55410-SP ADC- S9) ERG#; CC55410-SP ADC- S9		×	3(8), Pali, Ra=Daa1, Daa2, 55g				DF	225	14	j	0002	D216	
CC55410-8P ADC- CC55410-8P ADC- S8) ERG#; CC55410-8P ADC- S9) ERG#; CC	I	Н				<del>'</del>				-	<del>                                     </del>		
CC55410-8P ADC- CC55410-8P ADC- S8) ERG#; CC55410-8P ADC- S9) ERG#; CC													
CC55410-8P ADC- CC55410-8P ADC- S8) ERG#; CC55410-8P ADC- S9) ERG#; CC							-						
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CC55410-8P ADC- CC55410-8P ADC- S8) ERG#; CC55410-8P ADC- S9) ERG#; CC											ļ		
CC55410-8P ADC- CC55410-8P ADC- S8) ERG#; CC55410-8P ADC- S9) ERG#; CC							<u></u>	.,					
CC55410-8P ADC- CC55410-8P ADC- SB) ERG#: CC5410-8P ADC- SB) ERG#: CC55410-8P ADC- SB) ERG#: CC55410-8P ADC- SB) ERG#: CC55410-8P ADC- SB) ERG#: CC55410-8P ADC- SB) ERG#: CC5											-		
CC55410-8P ADC- CC55410-8P ADC- S8) ERG#; CC55410-8P ADC- S9) ERG#; CC		32.6	peniel Mandline lestructions and Additional Informa	ition pay 500 005							<u> </u>		
Printed/Typed Name  Signature  Month Day Year  34. Transporter Acknowledgment of Receipt of Materials  Printed/Typed Name  Signature  Month Day Year  Signature  Acknowledgment of Receipt of Materials  Signature  Month Day Year  Signature  Month Day Year  Acknowledgment of Receipt of Materials  Signature  Month Day Year  Acknowledgment of Receipt of Materials  Signature  Month Day Year  Acknowledgment of Receipt of Materials  Signature  Month Day Year  Acknowledgment of Receipt of Materials  Signature  Month Day Year  184. Howard Discrepancy  Acknowledgment of Receipt of Materials  Signature  Month Day Year  Month Day Year  185. Discrepancy  36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)  187. Howard BS		CC	55410-SP ADC	66) ERG#; CC5 ERG#; CC55410-6P AD	5410-SP ADC	B) ERG#; C	() EKG# C55410	; U031,U108 -6P ADC	,U154,I	U195,U₹ 90} €	159  RG#;		
35. Discrepancy  36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)  85. HO40  80. HO40  187. HO40  88. HO40  189. HO40	ĸ			Materiais	At a second						-4		
35. Discrepancy  36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)  85. HO40 88. HO40 189. HO40	ORTE	PTINTE	o/typed Name .		Signature					Mo I	onth D	ay Year	
35. Discrepancy  36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)  85. HO40  80. HO40  187. HO40  88. HO40  189. HO40	NSP			Materials									
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)  85. HOTO BO. HOTO 187. HOTO BB. HOTO 189. HOTO	¥	Printe	d/Typed Name		Signature 					i Me	onth D	ay Year	
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)  85. HO40 86. HO40 187. HO40 88. HO40 189. HO40	≥	35. Di	screpancy						· · · · · ·	l	<u> </u>	•	
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)  85. HO40 186. HO40 187. HO40 189. HO40 189. HO40	CILI												
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)  85. HOTO 86. HOTO 187. HOTO 189. HOTO	<b>5</b>				···								
90. HAUI)	GNATE	36. Ha					3. He	 HO	18	P. HD	40		
	DES	90								<del></del>		·	

			GENERATOR NAME	MANIFEST NUMBER				
		Ac	Ivanced Chemical Treatment	007760184 FLE				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions			
1	CC55314-SP / CC55314-SP	D001			NWW			
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions			
2	CC55314-SP / CC55314-SP	D001 D002			NWW			
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions			
3	CC55314-SP / CC55314-SP	D001 D002			NWW			
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions			
4	CC55314-SP / CC55314-SP	D001 D002 D022			NWW			
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions			
5	CC55314-SP / CC55314-SP	D001 D002			NWW			
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions			
6	CC55314-SP / CC55314-SP	D001 D002			NWW			
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions			
7	CC55314-SP / CC55314-SP	D002 D010			NWW			
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions			
8	CC55314-SP / CC55314-SP	D002	,		NWW			
_ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions			
9	CC55314-SP / CC55314-SP	D002			NWW			
9		D002			NWW			

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
10	CC55314-SP / CC55314-SP	D002			NWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
11	CC55314-SP / CC55314-SP	D002			NWW
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
12	CC55314-SP /	D005			NWW
	CC55314-SP	D022			
		U044	ì		
		U188			
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
13	CC55314-SP /	D011			NWW
	CC55314-SP	U058			
		U188	·		
Line	TSD Approval#	Waste - Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
14	CC55314-SP / CC55314-SP	NONE			NWW
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
15	CC55314-SP / CC55314-SP	NONE			NWW
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
16	CC55314-SP / CC55314-SP	D005			NWW
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
17	CC55314-SP / CC55314-SP	D005			NWW
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
	0055044.004	D005			NWW
18	CC55314-SP / CC55314-SP	D003	•		******

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	WWW or WW	Special Conditions
19	CC55314-SP / CC55314-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
20	CC55314-SP / CC55314-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
21	CC55314-SP / CC55314-SP	NONE			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
22	CC55314-SP / CC55314-SP	D008			NWW	
	CC55314-5P	D011				
		U144				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
23	CC55314-SP / CC55314-SP	NONE			NWW	
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
24	CC55314-SP / CC55314-SP	NONE			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
25	CC55307-SP /	D001			NWW	
	CC55307-SP	U154				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
26	CC55307-SP/	D001			NWW	
	CC55307-SP	F002		•		
		F003				
		U002				

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
27	CC55307-SP / CC55307-SP	D007			NWW
		D011			
		D022			
		U044 U188			
Line	TSD Approval#	Waste Code(s)	Subcategory	инся	NWW Special or WW Conditions
28	CC55307-SP / CC55307-SP	U007			NWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
29	CC55307-SP / CC55307-SP	NONE			NWW
Line	TSD Approval#	Waste Code(s)	Subcategory	UHCS	NWW Special or WW Conditions
30	CC55307-SP / CC55307-SP	D002			NWW
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
31	CC55307-SP / CC55307-SP	D001			NWW
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
32	CC55307-SP/	D001			NWW
	CC55307-SP	D003			
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
33	CC55307-\$P/	D001			NWW
	CC55307-SP	D003			
Line	TSD Approval#	Waste Code(s)	Subcategory	инся	NWW Special or WW Conditions
34	CC55307-SP /	D001			NWW
•	CC55307-SP				

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
35	CC55307-SP / CC55307-SP	D001			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	инсъ	NWW or WW	Special Conditions
36	CC55409-SP / CC55409-SP	NONE			NWW	
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
37	CC55409-SP / CC55409-SP	D006 D008			NWW	
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
38	CC55409-SP / CC55409-SP	D002			NWW	
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
<b>39</b>	CC55409-SP/ CC55409-SP	D005 D011 P120			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
40	CC55409-SP / CC55409-SP	NONE			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
41	CC55409-SP / CC55409-SP	D005 D008			NWW	
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
42	CC55409-SP / CC55409-SP	D008 D011 U188			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
43	CC55409-SP / CC55409-SP	NONE		*	NWW	

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
44	CC55409-SP / CC55409-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
45	CC55409-SP / CC55409-SP	D001 D002			NWW	-
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
46	CC55409-SP / CC55409-SP	D001 D002 F003			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
47	CC55409-SP / CC55409-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
48	CC55409-SP / CC55409-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHCS	NWW or WW	Special Conditions
49	CC55409-SP / CC55409-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
50	CC55409-SP / CC55409-SP	D002			NWW	
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
51	CC55409-SP / CC55409-SP	D002 D007			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
52	CC55409-SP / CC55409-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
53	CC55409-SP / CC55409-SP	D002			NWW	

				· <del></del>		
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
54	CC55409-SP / CC55409-SP	D002 D008			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
55	CC55409-SP / CC55409-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
56	CC55409-SP / CC55409-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
57	CC55409-SP / CC55409-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
58	CC55409-SP / CC55409-SP	D002 U134			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
59	CC55409-SP / CC55409-SP	D001			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
Line 60			Subcategory	UHC'S		•
	Approval# CC55409-SP /	Code(s)	Subcategory	UHC'S	NWW	•
60	Approval #  CC55409-SP/ CC55409-SP	D002 U134 Waste			NWW	Conditions
60	Approval #  CC55409-SP/ CC55409-SP  TSD Approval #  CC55409-SP/	D002 U134 Waste Code(s)			NWW NWW NWW	Conditions

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
63	CC55410-SP/	D001			NWW	
	CC55410-SP	D002				
Line	T\$D Approval#	Waste Code(s)	Subcategory	UHCS	NWW or WW	Special Conditions
64	CC55410-SP /	D001			NWW	
	CC55410-SP	D002				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
65	CC55410-SP / CC55410-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
66	CC55410-SP/	D001		· · · · · · · · · · · · · · · · · · ·	NWW	
	CC55410-SP	D002				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHCS	NWW or WW	Special Conditions
67	CC55410-SP / CC55410-SP	D007			NWW	
	CC35410-3P	D022				
		U044				
		U188				
	· · · · · · · · · · · · · · · · · · ·	U058		·····		
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
68	CC55410-SP / CC55410-SP	NONE			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
69	CC55410-SP / CC55410-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
70	CC55410-SP / CC55410-SP	NONE			NWW	

Line	.TSD Approval#	Waste Code(s)	Subcategory	UHC'S	or WW	Special Conditions
71	CC55410-SP / CC55410-SP	D001			NWW	•
		F003				
ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
72	CC55410-SP / CC55410-SP	D002			NWW	
_ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
73	CC55410-SP / CC55410-SP	D002 D007			NWW	
_ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
74	CC55410-SP / CC55410-SP	D001			NWW	
.ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
75	CC55410-SP / CC55410-SP	D001 D002 D008 D011			NWW	
ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
76	CC55410-SP / CC55410-SP				NWW	
ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
77	CC55410-SP / CC55410-SP	U240 U248			NWW	
ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
78	CC55410-SP / CC55410-SP	D011			NWW	
ine	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
79	CC55410-SP / CC55410-SP	NONE			NWW	

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
80	CC55410-SP / CC55410-SP	U188 U236			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
81	CC55410-SP / CC55410-SP	NONE			NWW	
Line	T\$D Approval#	Waste Code(s)	Subcategory	UHC'S	or WW	Special Conditions
82	CC55410-SP / CC55410-SP	NONE			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
83	CC55410-SP / CC55410-SP	D004 U058			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
84	CC55410-SP / CC55410-SP	NONE			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHÇ'S	or WW	Special Conditions
85	CC55410-SP / CC55410-SP	NONE			NWW	
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
86	CC55410-SP / CC55410-SP	NONE			NWW	
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
87	CC55410-SP / CC55410-SP	D001 D038 F003 F005 U002 U003 U031 U108 U154 U196			NWW	
		U359				

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
88	CC55410-SP/	D001			NWW
	CC55410-SP	D035			
		F003			

Line	ine TSD Waste Approval # Code(s)		Subcategory	UHC'S	NWW Special or WW Conditions
89	CC55410-SP/	D001			NWW
	CC55410-SP	D002			
		D018			,
		F003			

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
90	CC55410-SP/	D001			NWW
	CC55410-SP	D002	•		
		D018			•
		F003			

#### SPECIAL CONDITIONS:

- A. Waste Requiring No Further Treatment
- B. Lab Pack Waste Qualifying for Alternative Treatment und 40 CFR 268.40
- C. Hazardous Waste Debris subject to standard treatment requirements, 40 CFR 268.40
- D. Hazardous Waste Debris subject to alternative standards in 40 CFR 268 (list contaminants)
- E Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
- F. Characteristic waste that are subject to the treatment standards in 268.40 (other than those expressed as a required method of treatment) that are reasonably expected to contain underlying hazardous constituents as defined in 268.2(I); are treated on-site to remove hazardous characteristic; and are sent off-site for treatment underlying hazardous constituents (list constituents)
- G. Characteristic wastes that contain underlying hazardous constituents as defined 268.2(i) that are treated on-site to remove the hazardous characteristic and the underlying hazardous constituents to levels in 268.48 Universal Treatment Standards.
- H. For Chemical Manufacturers, Petroleum Refineries, Coke By-Product Facilities and RCRATSDF handling wastes subject to 40 CFR 61 subpart FF ONLY. This waste is "Controlled Benzene Waste" which is subject to the notification requirements of 40 CFR subpart FF.
- I. Certification for contaminated soil indicating the presence or absence of characteristic and / or listed hazardous wastes.
- J. Certification for contaminated soil treated in accordance with 40 CFR 268.49

  Waste analysis is attached where available; otherwise the information contained herin is based upon mythorough knowledge of the waste(s).

I have by certify that I believe that the Information I have submitted is true, accurate and complete

SIGNATURE	TITLE	DATE
AUL	Chemital	04/12/17
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V ()		

#### WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION A

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR part 268 subpart D and all applicable prohibitions set forth In 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I have submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

#### WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION B

I certify under penalty of law that I personally have examined and am familiar with the waste and that lab pack contains only wastes which have not been excluded under appendix iv to 40 CFR 268. I am aware that there are significant penalties for submitting a false certification, including fine and imprisonment.

#### WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION F

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 286.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

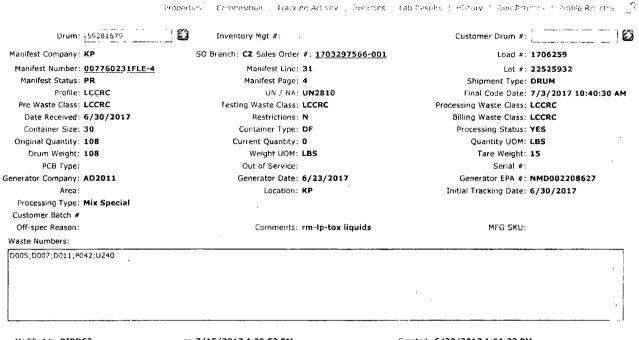
WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION G

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 286.40 to remove the hazardous characteristic, and that the underlying hazardous constituents, as defined in 268.2 have been treated on site to the 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and Imprisonment.

#### WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION I

I certify under penalty of law that I personally have examined this contaminated soil and it [DOES/DOES NOT] contain listed hazardous waste and [DOES/DOES NOT] exhibit a characteristic of hazardous waste and requires treatment to meet the soil treatment standards as provided by 268.49(c). WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION J

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.



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		<del>                                     </del>	(51) V2732.	Waste Po	Variania.	Planmah	a. Con	MININA A	D.S.	<u> </u>	, ,	11/			enn.	7000
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		marked and la	beled/placar	rded, and are in a	Il respects in prop	er condition for tre m to the terms of	ensport acco	ording to applic	able inter	national and natio						
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Ė	18b. <i>i</i>	Vitemate Facili	ty (or Gener	ator)					Ma	nifest Reference	Number:	U.S. EPA ID N	tumber			
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2	1,	411	41		<sup>2</sup> 11			3 1	10			4. 1				
	20. D∈	esignated Faci	lity Owner or	r Operator: Certifi	cation of receipt o	f hazardous mete	rials covere	d by the menife	est except	as noted in Item	18a	1 1				
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t	UNIF	ORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number NND002208527		22. Page <b>2 of</b>	6 6	•		231 FLE		
	A	enerator's Name dvenced Chemical Treatment 133 Edith Blvd NE buguergue, NM 67107			-						
		ransporter Company Name					U.S. EPÁID N	lumber			
	26. T	ransporter Company Name			<del> </del>		U.S. EPA ID N	lumber			
	27a. HM	27b. U.S. DOT Description (including Proper Ship and Packing Group (if any))	oping Name, Hazard Class, ID Num	nber,	28. Contain No.	ers Type	29. Total Quantity	30. Unit Wt./Vol.	31. V	Veste Codes	
		5) UN 3082, Environmentally Ha 9, PGIII, 55gal, CC56113-5P, L(			1	DF	174	P	NONE	American Al Park (Albert and Calenda	in <del>a shall in the teach</del>
	x	5) UN 1789, R.Q. Wasta Hydrod 55gal, CC56116-SP, LCCRA, D	hlaric Acid, 8, PGII, Ro 148061-5 (DIDO Cus	Q=D002, et)		DF	233	P	D602		
		7) UN 1789, R.Q. Wasta Hydrod 55gal, CC56116-SP, LCCRA, D				OF	314	P	D002		
GENERATOR		8) LIN 1789, R.Q. Waste Hydrod 58gal, CC86116-8P; LCCRA, D			(	D₽	296	P	D002		
9		9) UN 1992, Waste Flammable 15gal, CC56116-SP, LCCRD, X		1(5.1), POII,	1	DF	218	P	<b>D</b> 601		
		IO) UN3073, Weste Vinyl Pyrine Egal, CC56115-SP, LRCTC, IC		(3,6.1), PG#,	1	DF	11	P	<u>D001</u>	D002	<b>D0</b> 03
	አ	11) UN2819, Toxic Liquide Orga CC58116-SP, LCCRC, IC4888		55gel,	1	DF	(6/	P	NONE		
		12) UN2920, R.Q. Weete Corro 6(3), PGII, RQ=D001, D002, 55 G4689-2			(	OF	145	P	D601	D002	
		13) UN2810, Waste Tede Liqui CG58118-SP, LCCRC, IC4889		1, POII, 55gal,		DF	147	P	D005	D005 D011	D007 U080
	×	14) UNA264,R.Q. Wasta Carres 8, PQII, RQ=0002, 85ggs; GC58 CCRA (C4889-4	1116-SP, LCCRA, IC4		1	DF	13/	P	D902	m hala ana ana ana ana ana ana ana ana ana	
	5) 6)	pecial Handling Instructions and Additional Informa ERG#; CC55118-5P ADC- ERG#: CC55118-SP ADC- 11) ERG#; CC5611	## 8) ERG#; ## 9) ERG#;	CC58116-SP AD CC58116-SP AD 12) ERG#; (	c	10)	RG#; CC5 ERG#: CC	58118		; <del>-</del>	-6P
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(TED)	36. H	azardous Waste Report Management Method Cod	les (i.e., codes for hazardous wast	e treatment, disposal, and	recycling systems)_						
SIGN	5.	HO40 16.+	1040 [	7. HO4(	) [8	?. H(	)40	$\Box$ C	P.HC	<u>40</u>	
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	24. <b>A</b>	ituskieiti©hamical Treatment 133 Edith Blvd NE ibuquarqua, NN 87107									
	25. 1	Fransporter Company Name					U.S. EPAID N	lumber		•	
	26. 1	Fransporter Company Name					U.S. EPA ID N	lumber			
	27a. HM	27b. U.S. DOT Description (Including Proper Shi and Packing Group (if any))	•		28. Contain No.	ers Type	29. Total Quantity	30. Unit Wt./Vol.	31. \	Waste Code:	5
	X	13) UN3082, Environmentally h n.o.e.; 9, PGIII, 66gal, CC66118	ezerdous Substance, t -SP, LCCRC, IC4889-6	iquid,	1	DF	221	P	NEWF		
		15) UN3254, Waste Corresive I PGII, 15gal, CC58118-SP, LCC		<del>,,n.e., 8,</del>	(	DF	39	P	D002		
		17) UN2630, Waste Salahilas, CG52118-SP, LCCRI, IC4907-		H,	(	DF	12	P	D010		
GENERATOR -	X	TR) UN2401, WASTA PIRADAINA C4907-17	, 4(3), PGI, 8gal, CC-8P	, LCCNB,		DF	6	P	D001	D002	
H GEN	×	14) UN2471, Wasia Camium T SP, LGGRI, IG4907-21	etrande, 6.1, PGI, Sgal,	CCS8115-	(	OF	7	P	P087		
	X	20) UN2054, Wasta Morpholini - CCRA: IC4907-29		·		DF	1/	Р	10601	D002	
	X	21) UN2811, Taxia Salisia, Crgs C4907-24		•	(	DF	7	P	NUME		
	×	변) UNades, Environmentally i n.a.e., 8, PGIII, Sgel, CC58118 LCCRC, IC4908-1	SP, LCGRC, IC4008-1	• •	(	DF	281	P	NCINE		2004
		<del>20) UN2816; Wests Toda Liqui</del> DC58116-8P, LCCRC, IC4922 	-2		1	DF	214	P	U188	D010	LFUSU
	×	<del>24) UN2818, Weste Toxis Liqui</del> CC66115-8P, LCCRC, IC4922		P <del>illi, 55gsl,</del>	1	DF	181	P	000u		·
	32	detail failthing frishrolding and Abditional Motions	tion10) ERColi;	CCS8118-8F	ADG:	1	ERGS	C381	8-SP A	JC-	<u> </u>
		18) ERG#: CC561*	18-6P ADC		GC56118-SP				RG#; CC		-SP
			CC56116-SP ADC		IG#; CC5911		)c		(3) ERG		
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	24.6 6	demonstration in the sum of the s									
	25. 1	ransporter Company Name	<u></u>				U.S. EPAID N	lumber			
	26. T	ransporter Company Name					U.S. EPA ID N	lumber			
	27a. HM	27b. U.S. DOT Description (including Proper Shi and Packing Group (If any))	pping Name, Hazard Class, ID I	Number,	28. Contain	ofs Type	29. Total Quantity	30. Unit Wt./Vol.	31. \	Waste Codes	1
	X	25) LIN 2810, Waste Toris Liqui CC58116-SP, LCCRC, IC4922	<del>iso Organio, n.e.s., (</del> 5	<del>5.1, PGH, 55gal,</del>	1	DF	184	P	D022	U188	
	X	<del>25) UN2819, Toxic Liquida Org</del> CC58116-SP, LCCRC, IC4922	<del>ania, n.o.a.; ö.1; PG</del> -3	III. 55gal,	1	DF	189	P	NONE		
		27) Nan-RCRARegulated, Nor CC58118-SP, LCCRC, IC4922		lateriai, 55gai,	1	DF	194	P	NONE		
RATOR		28) ,UN2810, Waste Toxis Liqu CC58115-SP, LCCRC, IC4922		5.1, PGII, 55gel,	1	DF	139	P	D022 U236	U044	U080
	x	28) UNZ810, Wasta Toxic Liqui DC68118-SP, LOCRC; IC4922		5.1, Pdil, 55gøl,	(	DF	142	P	D007	U201	
		50) UNZE10, Waste Toxic Liqui 55gal, CC56116-SP, LCCRC, I		5.1, <b>P</b> GIII,	1	DF	189	P	D007		
	×	11) UN2810, Waste Toxic Liqui CC58116-SP, LCCRC IC4922	ds Organic, n.o.s., 13	ST, POILSSgelf	1	DF	154	P	904X	D007:	<b>D01</b> d)
	×	52) UN2810, Taxle Liquide Crg CG58115-8P, LGCRG, IC4922	ania n.a.s., ö.1, ÞG -14	il. 55gel,	(	DF	211	P	NONE		
		53) UN3285, Weste Corresive PGII, 5gal, CC5\$116-6P, LCCI		nia, n.o.s., ä,	(	DF	127	P	D002		
		34) UN3134, Waste Water Rea PGII, 5gal, CC5\$116-6P, LRC1		.a.a., 4.3(5.1),	1	DF	18	P	D001	D003	
ļ	AC	·				ADC		30) EF	18-5P N RG#; C0 I3) ERG	25611 <del>5</del> -	
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	5	Milital Chemical Treatment 133 Edith Blvd NE Ibuquerque, NN 87107									
	25. 1	Transporter Company Name					U.S. EPA ID N	lumber			
	26. 1	ransporter Company Name					U.S. EPA ID N	lumber			
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		55) UN1873, Waste Parchidits Class 2 Oxidizer, Sgal, CC581			ţ	DF	8	P	D001	D002	D003
	X	55) UN2920, R.Q. Waste Come 5(3), PGII, RQ=D001, D002, 66 C5013-1			•	DF	126	P	D001	D002	
	×	37) UN2824, R.Q. Waete Flam 8(8), PGII, RQ=D001, D002, 56 C5013-4	mable Liquide, Corrocive, gal, CC56118-SP, LCGRI	A.O.A., ),	1	DF	124	P	<b>D6</b> 01	D002	
GENERATOR -	×	38) UN2824, R.Q. Waete Flam (6), PGII, RQ=0001, D002, 66		n.o.e.,		DF	144	P	F003	D001	D002
- GEN	_	39) UN2824, R.Q. Waste Flam 3(4), PQII, RQ≈D001, D002, 66 C5013-8			Į.	DF	73/	P	Fóó5	Dao1	D002
	X	40) UN2924, R.Q. Waete Flam 8(8), PGII, RQ=D001, D002, 30 C5013-4			(	DF	47	P	<b>D</b> 001	D002	
		41) UN3069, Waste Metal Povi 5gel, CC55118-8P, LRCTD, IC		i.1, PGII,	1	DF	36	P	D001		·
	x	42) UN3105, Waste Organis P 5gel, CC56116-SP, LRCTO, (C	eroxida, Type D Solid 5.2,   6029-6	PGII,	(	DF	7	P	D001	D003	
		(3) UN3199, Waste Organic P 3.2, PGR, Ogel, OC50115-6P, L		hilizad,	(	DF	20	P	רמסכו	D003	
	×	(4) UN3109, Wakia Organic P 5.2, PGH, Ogai, OC65119-6F, L		hilized,	{	DF	19	P	D001	D003	
l	3276	36) ERG#: CC561		C58118-SP / 39) ERG#; C			7) ERGS; (		8-5-7 A 8G#; C		-RP
$\ $		<del> </del>	C58116-SP ADC CC56118-SP ADC		#; CC591				3) ERG		
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쬞	11				<u> </u>	2 ·	11111	<u>ت.</u> ا ر	<u> </u>	<u> </u>	
	Form	97. 1040 44 8700-22A (Rev. 3-05) Previous editions as	o chrolete	x. 414	I 나	O. T	ACILITY TO D	<u>니</u> DESTINA	TION STA	1141 TE (IF RE	QUIRED

Plea	se pri	nt or type. (Form designed for use on elite (12-pitch) typewriter.)		VA - :- ***			Approved.		2050-0039
$\uparrow$		ORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	22. Pa <b>6 of</b>	(23. Manii	est Tracking N@	<b>U#</b> /802	231 FLE		
	24 <b>8</b>	33 Edit Blvd NE buquerque, NM 87107							
	25. 1	ransporter Company Name			U.S. EPA ID N	lumber			
	26. 1	ransporter Company Name			U.S. EPÁ ID N	lumber			
	27a.	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number,	28. Contain	ers	29. Total	30. Unit	31	Waste Codes	
	ΞM	157 (IN) 9709 Weste Organic Peroxide, Type F Liquid, Stabilized,	No.	Туре	Quantity	Wt./vol.	D001		
		5.2, PGII, 5gal, CC58113-SP, LRCTO, IC5028-10		OF	18	P			
П		16) UN3105, Weste Organic Perceide, Type D Liquid, 5.2, POII,			• •	ļ	דטטט	17/102	
П	X	15gal, CC56116-SP. LRCTO, IC5026-2	l	סר	111	P .		2003	
		sugar, dubus su or , creaso, robus s		IJΓ	111	г			
Ш		7) UN2924, Waste Flammable Liquids, Corrosive, n.o.s., 3(8),		-	1	_	D001	D002	
	X	PGH, CC56117-SP; LCCRD, IC4825-13		DF	6	P			
2	X	68) UN2824, R.Q. Waste Flammable Liquids, Corrosive, n.o.s.,					D001	D002	
GENERATOR	_	8(8), PGII, RQ= D001, D002, CC56117-SP, LCCRD, IC4925-14	1	DF	189	P.			
蓄	<u> </u>	(9) UN2824, R.Q. Waste Flammable Liquids, Corrosive, n.o.s.,					0001	D002	Foos
10	X	3(8), PGII, RQ= D001, D002, CC56117-SP, LCCRD, IC4825-16	(	DF	158	P			
11.		50) UN3254, Waste Corrosive liquid, acidic, inorganic, n.o.e. , 5 .			^ -		D002	D007	
		PGII, CC56117-SP. LCCRA IC5195-4	(	DF	47	P			
Ш			`		(/				
П		51) UN3254, R.Q. Waste Corrosive liquid, acidic, inorganic, n.o.s.					D002		
	×	8 , PGH, RQmD002, CG58117-SP, LCCRA, IG5195-5	{	DF	179	P			
H	L		, i				<u> </u>		
	x	52) UN3254, R.Q. Waste Corrosive liquid, acidic, inorganic, n.o.s.	1	DF	111	P	D002		
lŀ		8 , PGII, RQ=0002, CC58117-SP, LCCRA, IC6195-8	\		170				
		53) UN3254, R.O. Waste Corrosive liquid, ecidic, inorganic, n.o.s.				<del>                                     </del>	D002		
	×	8 , PGII, RQ=D002; 30gel, GG50117-8P; LCCRA, IG6196-8	(	, DF	107	P			
il	<u> </u>	54) UN2031, R.Q. Wasta Nitric acid other than red furning, with not					12003	D002	
		note than 70 % nitric scid, 8 . PGII, RQ=0001, d002, CC56117-		DF	761				
П		SP, LCCRA, IC5185-10	'				]		
	324.5	partempo conserte all interesting and the conservation 48) ERG#; CC58116-8P			7) ERG#; (				
Н	-	48) ERG#: CC56115-8P ADC49) ERG#; C					-	-	
$ \downarrow$		OC51) ERG#; CC58116-SP ADC52) ER( PADC54) ERG#; CC56116-SP ADC	3#; CC5811	is-SP A	DC	5	3) ERG	#; CC5	911 <del>8</del> -
~	33. T	ransporterAcknowledgment of Receipt of Materials							
TRANSPORTER	Print	nd/Typed Name Signature					Mo	onth Day	Year
箩	34. T	rensporter Acknowledgment of Receipt of Materials							
<b>I</b>	Print	od/Typed Name Signature					- Ma	inth Day	Year
Z		screpancy			•• -				
15	4	nes 47-54 Amended to CC56017-SP in Section	an 32 p	er Ph	nl Orte	ga	75.4-3	3-17-	Į.
뎧			•	-		•		- <del>-</del>	ľ
									ĺ
DESIGNATED FACILITY	36. H	azardous Waste Report Management Method Codes (I.e., codes for hazardous waste treatment, disposal, and r	ecycling systems)	12 1	IO IT	1/	10 1	N 1/	$\overline{}$
  왕	H	<u> </u>	- 4	<u>(). 4</u>	7 <u> </u>	<u>، اد</u>			$\prec$
[5	5	0.4040 151.4040 152.40i	40 5	3.4	1040	) 15	<u>54. t</u>	704	O
FP/	Form	8700-22A (Rev. 3-05) Previous editions are obsolete.	DESIG	SNATED I	ACILITY TO	DESTIN/	ATION STA	ATE (IF RI	QUIRED)

			GENERATOR NAME	MANIFES	TNUMBER	
		007766	0231 FLE			
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
1	CC56116-SP / CC56116-SP	D001		· · · · · · · · · · · · · · · · · · ·	NWW	
	0030110-01	D002				
<del></del>		D003				
Line	TSD Approval#	Waste Code(s)	Subcategory	uHC'S	OF WW	Special Conditions
2	CC56116-SP / CC56116-SP	NONE			NWW	
Line	TSD Approval #	Waste Code(s)	Subcategory	uhçıs	NWW or WW	Special Conditions
3	CC56116-SP/	D001			NWW	
	CC56116-SP	D035				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
4	CC56116-SP/	D001			NWW	
	CC56116-SP	D002				
Line	TSD Approval#	Waste Code(s)	Subcatagory	UHC'S	NWW or WW	Special Conditions
5	CC56116-SP / CC56116-SP	NONE			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
6	CC56116-SP / CC56116-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
7	CC56116-SP / CC56116-SP	D002			NWW	
ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
8	CC56116-SP / CC56116-SP	D002			NWW	
ine	TSD Approval#	Waste Code(s)	Subcatagory	UHC'S	NWW or WW	Special Conditions
9	CC56116-SP / CC56116-SP	D001			NWW	

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
10	CC56116-SP / CC56116-SP	D001			NWW	
	CC30110•3F	D002				-
		D003		<del></del>		
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
11	CC56116-SP / CC56116-SP	NONE			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
12	CC56116-SP/	D001			NWW	
	CC56116-SP	D002				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
13	CC56116-SP/	D005		<del></del>	NWW	
•	CC56116-SP	D006				
		D007				
		D008				
		D011				
		U080				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
14	CC56116-SP / CC56116-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
15	CC56116-SP / CC56116-SP	NONE			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
16	CC56116-SP / CC56116-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
17	CC56116-SP / CC56116-SP	D010			NWW	

Line	TSD Approval#	Waste Code(s)	Subcategory	UHCS	NWW Special or WW Conditions
18	CC56116-SP / CC56116-SP	D001 D002		7	NWW
Line	TSD Approval#	Waste Code(s)	Subcategory	инс	NWW Special or WW Conditions
19	CC56116-SP / CC56116-SP	P087			NWW
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
20	CC56116-SP / CC56116-SP	D001 D002			NWW
Line	TSD Approval#	Waste Code(s)	Subcategory	инсѕ	NWW Special or WW Conditions
21	CC56116-SP / CC56116-SP	NONE			NWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
22	CC56116-SP / CC56116-SP	NONE			NWW
Line	TSD Approval#	Waste Code(s)	Subcatagory	UHC'S	NWW Special or WW Conditions
23	CC56116-SP / CC56116-SP	D019 D039 U080 U188			NWW
Line	TSD Approval#	Waste Code(s)	Subcatagory	UHC'S	NWW Special or WW Conditions
24	CC56116-SP / CC56116-SP	D008			NWW
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
25	CC56116-SP / CC56116-SP	D022 U188			NWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
26	CC56116-SP / CC56116-SP	NONE			NWW

Line	TSD Approval#	Waste Code(s)	Subcategory	UHCS	NWW or WW	Special Conditions
27	CC56116-SP /	NONE			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
28	CC56116-SP/	D022			NWW	
	CC56116-SP	U044				
		U080		•		
	· · · · · · · · · · · · · · · · · · ·	U236				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	WWW or WW	Special Conditions
29	CC56116-SP/	D007			NWW	
	CC56116-SP	U201				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
30	CC56116-SP / CC56116-SP	D007			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
31	CC56116-SP/	D005			NWW	
	CC56116-SP	D007				
		D011				
		P042				
	·····	U240				
Line	T\$D Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
32	CC56116-SP/ CC56116-SP	NONE			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
Line 33	TSD		Subcategory	UHC'S		
	TSD Approval# CC56116-SP/	Code(s)	Subcategory	UHC'S	or WW	
33	TSD Approval # CC56116-SP / CC56116-SP	D002 Waste			or WW	Conditions  Special

Line	TSD Approval#	Wests Code(s)	Subcategory	uh¢'s	NWW or WW	Special Conditions
35	CC56116-SP / CC56116-SP	D001			NWW	
	CC30110-3P	D002				
		D003	·			
Line	TSD Approval #	Waste Code(s)	Subcatagory	UHCS	or WW	Special Conditions
36	CC56116-SP/	D001			NWW	
	CC56116-SP	D002		·		
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
37	CC58116-SP/	D001			NWW	
	CC58116-SP	D002		<u> </u>		
Line	TSO Approval#	Waste Code(s)	Subcategory	UHC'S	WWW or WW	Special Conditions
38	CC56118-8P/	D001			NWW	
	CC56116-SP	D002				
		F003				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	WWW 10	Special Conditions
39	CC56116-SP / CC56116-SP	D001			NWW	
	CC30110-0P	D002				
		F005	·····			·
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
40	CC56116-6P/	D001			NWW	
	CC56116-SP	D002				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHCS	NWW or WW	Special Conditions
41	CC56116-SP/ CC56116-SP	D001			NWW	
ine	TSD Approval #	Waste Gode(s)	Subcategory	инсе	NWW or WW	Special Conditions
42	CC56116-SP/	D001			NWW	
	CC56116-SP	D003				

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	WWW or WW	Special Conditions
43	CC56116-SP / CC56116-SP	D001 D003			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
44	CC56116-SP / CC56116-SP	D001			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	инств	WWW 10	Special Conditions
45	CC56116-SP / CC56116-SP	D001 D003			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
46	CC56116-SP / CC56116-SP	D001 D003			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	инсъ	NWW or WW	Special Conditions
47	CC56116-SP / CC56116-SP	D001			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	uncs	NWW or WW	Special Conditions
48	CC56116-SP / CC56116-SP	D001 D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
49	CC56116-SP / CC56116-SP	D001 D002 F003			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
50	CC56116-SP / CC56116-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
51	CC56116-SP / CC56116-SP	D002			NWW	

Line	TSD Approval#	Waste Code(s)	Subcategory	uncs	NWW or WW	Special Conditions
52	CC56116-SP / CC56116-SP	D002			NWW	

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
53	CC56116-SP / CC56116-SP	D002			NWW

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
54	CC56116-SP /	D001			NWW
]	CC56116-SP	D002			

#### SPECIAL CONDITIONS:

- A. Waste Requiring No Further Treatment
- B. Lab Pack Waste Qualifying for Alternative Treatment and 40 CFR 268.40
- C. Hazardous Waste Debris subject to standard treatment requirements, 40 CFR 268.40
- D. Hazardous Waste Debris subject to alternative standards in 40 CFR 268 (list contaminants)
- E. Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
- F. Characteristic waste that are subject to the treatment standards in 268.40 (other than those expressed as a required method of treatment) that are reasonably expected to contain underlying hazardous constituents as defined in 268.2(i); are treated on-site to remove hazardous characteristic; and are sent off-site for treatment underlying hazardous constituents (list constituents)
- G. Characteristic wastes that contain underlying hazardous constituents as defined 268.2(i) that are treated on-site to remove the hazardous characteristic and the underlying hazardous constituents to levels in 268.48 Universal Treatment Standards.
- H. For Chemical Manufacturers, Petroleum Refineries, Coke By-Product Facilities and RCRATSDF handling wastes subject to 40 CFR 61 subpart FF ONLY. This waste is "Controlled Benzene Waste" which is subject to the notification requirements of 40 CFR subpart FF.
- t. Certification for contaminated soil indicating the presence or absence of characteristic and / or listed hazardous wastes.
- J. Certification for contaminated soil treated in accordance with 40 CFR 268.49

Waste analysis is attached where available; otherwise the information contained herin is based upon my thorough knowledge of the waste(s).

I hereby certify that I believe that the information I have submitted is true, accurate and complete.

SIGNATURE	TITLE	DATE
The experience	Chemist	06/2/2017

WASTE STREAMS DENTIFIED BY SPECIAL CONDITION A

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR part 268 subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I have submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

#### WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION B

I certify under penalty of law that I personally have examined and am familiar with the waste and that lab pack contains only wastes which have not been excluded under appendix iv to 40 CFR 268. I am aware that there are significant penalties for submitting a false certification, including fine and imprisonment.

### WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION F

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 286.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

#### WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION G

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 286.40 to remove the hazardous characteristic, and that the underlying hazardous constituents, as defined in 268.2 have been treated on site to the 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

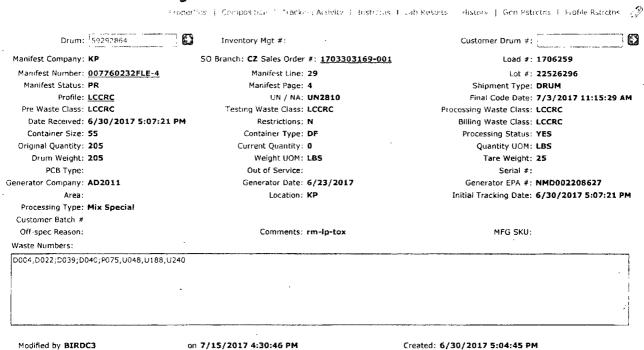
#### WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION I

I certify under penalty of law that I personally have examined this contaminated soil and it [DOES/DOES NOT] contain listed hazardous waste and [DOES/DOES NOT] exhibit a characteristic of hazardous waste and requires treatment to meet the soil treatment standards as provided by 268.49(c).

#### WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION J

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

0.0	59292861	Inventory Mgt #:		Customer Drum #:	Transition from a second of the second of th
Manifest Company:	KP	SO Branch: CZ Sales Order	#: <u>1703303169-001</u>	Load #:	1706259
Manifest Number:	007760232FLE-4	Manifest Line:	26	Lot #:	22526284
Manifest Status:	PR	Manifest Page:	4	Shipment Type:	DRUM
Profile:	LCCRC	UN / NA:	UN2810	Final Code Date:	7/3/2017 11:13:57 AM
Pre Waste Class:	LCCRC	Testing Waste Class:	LCCRC	Processing Waste Class:	LCCRC
Date Received:	6/30/2017 5:07:21 PM	Restrictions:	N'	Billing Waste Class:	LCCRC
Container Size:	55	Container Type:	DF	Processing Status:	YES
Original Quantity:	96	Current Quantity:	0	Quantity UOM:	LBS
Drum Weight:	96	Weight UOM:	LBS	Tare Weight:	25
PCB Type:		Out of Service:		Serial #:	
enerator Company:	AD2011	Generator Date:	6/23/2017	Generator EPA #:	NMD002208627
Area:		Location:	KP	Initial Tracking Date:	6/30/2017 5:07:21 PM
Processing Type:	Mix Special				
Customer Batch #				-	
Off-spec Reason:		Comments:	rm-lp-tox liquids	MFG SKU:	
Waste Numbers:					
D004;D007;D010;D0	011;D022;D031;P042;U012;L	J043;U044;U080;U188;U236;U	248		. *



Drum: 59292867	Inventory Mgt #:	Customer Drum #:	
Manifest Company: KP	'SO Branch: CZ Sales Order #: 1703303169-001	Load #: 1706259	
Manifest Number: 007760232FLE-4	Manifest Line: 32	Lot #: 22526313	
Manifest Status: PR	Manifest Page: 4	Shipment Type: DRUM	
Profile: LCCRC	UN / NA: UN2810	Final Code Date: 7/3/2017 11:17:05	AM
Pre Waste Class: LCCRC	Testing Waste Class: LCCRC	Processing Waste Class: LCCRC	
Date Received: 6/30/2017 5:07:21 PM	Restrictions: N	Billing Waste Class: LCCRC	
Container Size: 55	Container Type: DF	Processing Status: YES	
Original Quantity: 171	Current Quantity: 0	Quantity UOM: LBS	
Drum Weight: 171	Weight UOM: LBS	Tare Weight: 25	
PCB Type:	Out of Service:	Serial #:	
Generator Company: AD2011	Generator Date: 6/23/2017	Generator EPA #: NMD002208627	
Area:	Location: KP	Initial Tracking Date: 6/30/2017 5:07:21	PM
Processing Type: Mix Special			
Customer Batch #			
Off-spec Reason:	Comments: rm-lp-tox liquids	MFG SKU:	
Waste Numbers:	•		-
P077			$\neg$
			7
	<b>G</b>		,
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	F3/27/	311			<b>V</b> [	704	03	:8c	3
Plea	UNIFORM HAZARDOUS  1. Generator (Disturber 200827  2. Page 1 of 1.3. Emer	gency Response Ph	<b>785-722</b>	Manifest T	racking N	Approved umber 023		FI F	
	WASTE MANIFEST  5. General Manual Chernical Tradition & General	or's Site Address (if d	ifferent than ma	00	)	UZJ		<u>Err</u>	=
	6133 Edith Blvd NE Albuquarqua, NM 87107 505-349-5220 Generator's Phone:						•		
	8. Transport Inc. (SV)		U.	.S. EPA ID N	mber	CAF	90000	70540	7
	7. Transporter 2 Company Name		U.	S. EPA ID Nu	ımber				1
	8. Designation Plainters Environmental Services, Inc. (KP) 2247 South Highway 71 Kimball, NE 88145	<u> </u>	Ü	S. EPA ID No	mber	NEC	)9817:	23513	
	Facility's Phone: 308-235-4012	40. Contribution							4
	Sa. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.		I. Total uantity	12. Unit Wt./Vol.	13.	Waste Co	odes <b>- F3003</b> -	
ğ	UN3106, Waste Organic Peroxide, Type D Solid 5.2, POIL  Sgal, CC56118-SP, LRCTO, IC5028-4	1	OF	7	P				
GENERATOR	2 UN1703, Wante Bankyi Chlandramass, 8, PGI, ágai, CC8011		- FAST	Y	•	_	003	<del></del>	4
- GE	X SP, LRCTC, ICS033-8	1		6	P	<b>y</b>		┿	-
	UN2022, RQ, Waste Corrosive Liquid, Todo, n.o.s., 8(6.1),		, NE				1007	5002	Doc
	PGII, RQ = D001, D002,55gol, CC56118-SP, LCCRA, (C5006	' I	12	37	P		006	0007	TODO
	UN2810, Waste Trate Liquida Organie, n.c.a., n.1, PGE, ange X CC55118-SP, LCCRC, IC5096-5	4	<b>o</b> ₽	7-24	17	ا جر	005	0006	000
			7	158	<u> </u>	ľ	011	D022	DDG
	14. Special Handling Instructions and Additional Information  1) CC58118-SP ADC	010,0011 CC		ADC-					
	2) CCSs118-8P ADC	044,11050,110			551 tB	SP ADO	·		
	15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully as	nd accurately describ	ed above by the	e proper ship	ping name	, and are cla	ssified, pa	sckaged,	
	marked and labeled/plecarded, and are in all respects in proper condition for transport according to applicable inten Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or	of Consent.	_	-	export sh	ipment and I	am the Pi	<i>i</i> lmary	
	Generator's/Offeror's Printed/Typed Name Signature	(I) (II I aril a silicar qu	alluly gelielato	1) 18 UUE.		Mo	nth D	ay Yea	5
<b>→</b>  7	16. International Shipments	42 W	7	2		0	6	317	
S INT'L	Import to U.S Export from U.S Export from U.S.	Port of entry/e Date leaving U							
RTE	17. Transporter Acknowledgment of Receipt of Materials Transporter   Printed Typed Name   Signature	11111	1)			Mor	nty D	ay Year	
ANSPORTER	Transporter 2 Printed/Typed Name	all (	Kawad	и,		Mo		<u>3/7</u>	7
TRA	l i								
$\uparrow$	18. Discrepancy 18a. Discrepancy Indication Space	70		Double Dele	Al		ار د		┥.
	Packing Group Amended to none on Line 1 Section			Orteo	7a.	JE7-	17 3-17	Rejection	
<u>}</u>	8b. Alternate Facility (or Generator)	nifest Reference Nur		S. EPA ID Nu	mber				7
FACILITY	facility's Phone;		1						
ATED	18c. Signature of Alternate Facility (or Generator)		· · · · · · · · · · · · · · · · · · ·	<del></del>		Mo	onth E	Day Yes	Br
DESIGNATED	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recy	cling systems)							
٦	1 4141 12 140	40		+10	24	$\bigcirc$			
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except Frinted/Typed Name Signature	as noted in Item 18a	1			11-	nth D	ay Year	
$\downarrow$	Jessica Eggli I (	Loss	ica	£'a	$\mathcal{L}$	(	Q		
EPA	Form 8700-22 (Rev. 3-05) Previous editions are obsolete.	DESIGNA	TED FACIL	ITY TO D	STANA	TION STA	TE (IF F	REQUIRE	D)

E44 O	· · · · · · · · · · · · · · · · · · ·	22 Page	22 Mank	fact Tenaldae No		n Approved	I, OMB No.	2050-00
r 201		,	1	_		232 FLE	!	
nent	_							
				U.S. EPA ID I	Number			
	<del></del>			U.S. EPA ID I	Number			
oper Shipping Name, Hazard Clas	s, ID Number,	28. Contair No.	ners Type	29. Total Quantity	30. Unit Wt./Vol.	31.	Waste Code	13
	., 6.1, PGII, 55gal,	1	DF	96	P	D011	D022	U044
		1	DF	197	P	D002		
		1	DF	236	p	<b>D002</b>		
		(	of.	(12	ρ	<b>D002</b>		
		1	OF	187	P	<b>D002</b>		
		1	DF	194	P	D002		
	. , <b>6.1 , PGII</b> ,	(	DF	127	P	UZIA		
	. , 6.1 , POII,	1	DF	135	Р	D007		
	, 5.1 , PQII,	1	DF	170	P	D005 U044	D011	D02
, CC55118-SP, LCCF	arracive, n.a.s. , 3 RD, IC5128-1	/	DF	178	P	D001	D002	
5 8) ER 5 9) ER 56118-SP ADC-	G#: CC58118-SP A 12) ERG#;	DC	10) [	ERG#: CC	58118-	SP ADO	<b>,</b>	-SP
ceipt of Materials		re				Mr	nth Day	/ Year
**************************************		-						
ceipt of Materials	Signatur	re				Ma	nth Day	/ Yea
		<u> </u>					L	
		<del></del>						
nod Codes (i.e., codes for hazardo	sus waste treatment, disposal, and	recycling systems)	110	VIC	10	) 11/~		
HOLO	us waste treatment, disposal, and	d recycling systems)	HC	140	19	1.HC	<u> </u>	
	NMD0022086  NMD0022086  Nent  Oper Shipping Name, Hazard Class  Iquide, Organic, n.o.a  5096-5  Dirrosive Hquid, acidic  118-8P, LCCRA ICS1  Dirrosive Hquid, acidic  118-8P, LCCRA ICS1  Dirrosive Hquid, acidic  118-8P, LCCRA ICS1  Dirrosive Hquid, acidic  118-8P, LCCRA ICS1  Dirrosive Hquid, acidic  118-8P, LCCRA ICS1  Dirrosive Hquid, acidic  118-8P, LCCRA ICS1  Dirrosive Hquid, acidic  118-8P, LCCRA ICS1  Corrosive Hquid, acidic  118-8P, LCCRA ICS1  Redide, arganic, n.o.s  116-9  Imines, fammable, a  , CC53118-SP, LCCR  Unformation	per Shipping Name, Hazard Class, ID Number,  Iquide, Organic, n.o.s., 6.1, PGII, SSgal, 5093-5  perceive Hquid, acidic, inorganic, n.o.s., 118-SP, LCCRA IC5115-2  perceive Hquid, acidic, inorganic, n.o.s., 118-SP, LCCRA IC5115-2  perceive Hquid, acidic, inorganic, n.o.s., 118-SP, LCCRA IC5115-3  perceive Hquid, acidic, inorganic, n.o.s., 118-SP, LCCRA IC5115-4  Corrosive Hquid, acidic, inorganic, n.o.s., 118-SP, LCCRA IC5115-4  Corrosive Hquid, acidic, inorganic, n.o.s., 118-SP, LCCRA IC5115-5  acidide, arganic, n.o.s., 6.1, PGII, 118-5  acidide, arganic, n.o.s., 6.1, PGII, 118-7  Hquide, arganic, n.o.s., 6.1, PGII, 118-9  Information	PEST 21. Generator ID Number 22. Page 2 of NMDQ022Q8527 2 of NMDQ0	PEST 21. Generator ID Number NMD002208527 2 of 5  Tent NMD002208527 2 of 5  Tent NMD002208527 2 of 5  Tent Page 2 of 5	FEST 21. Generator ID Number NADOD22G8527 2 af 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22   Page   23   Manifest Trackling Number   22   Page   23   Manifest Trackling Number   23   31   31   31   31   31   31   31	22 Page	22 Page   23 Manifest Tracking Number   22 Page   23 Manifest Tracking Number   23 On 7750232 FLE

lea	se pr	int or type. (Form designed for use on elite (	12-pitch) typewriter.)					1 Approved	. OMB No.	2050-0039
1	וואע	FORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number NMD002208627	22. Page 3. of		lest Tracking Num O		232 FLE	1	
	A 5	enerator's Name dvanced Chemical Treatment 133 Edith Blvd NE libuquerque, NM 87107								
		Transporter Company Name				U.S. EPA (D)	Number		·	
	26.	Fransporter Company Name				U.S. EPA ID N	vumber			
	27a. HM	27b. U.S. DOT Description (including Proper Ship and Packing Group (if any))	oping Name, Hazard Class, ID Number,	28. Contain	ers Type	29, Total Quantity	30. Unit Wt./Vol.	31.	Waste Code	s
	¥	15) UN2733, R.Q. Weets Amin. 8), PGII, RQ=D001, D002, CC5	es, flemmable, corrosive, n.o.s. , 3 9114-6P, LCCRD, IC6129-1		DF	186	P	D001	D002	
		15) UN2822, Waste Corrocive L CC58118-SP, LCCRB, IC6132	.iquida, toxic, n.o.s., 8(6.1), PGII, -1		DF	97	P	D002		
		17) UNZ822, Waste Correiva L CC68118-SP, LCCRA, IC6132-	.iquida, toxic, n.o.s., 6(5.1 ), PGII, 3		DF	4/	P	D002		
GENERATOR	×	ta) UN1786, Waste Hydrofluori CCRA, IC5132-5	a Acid, 5(5.1), PGII, CC56118-SP,		OF	17	P	<b>D6</b> 02	U134	
	11	19) Non DOT Hazardoue, Non f CC58118-SP, LCCRC, IC5144-		(	DF.	196	P			
		20) UN2810, Weste Toxic, liquid CC58118-SP, LCCRC, IC5144-			DF	25	P	D008	D011	
	X	21) UN2810, Weste Toxic, liquid CC58118-SP, LCCRC, IC5144-	is, organic, n.o.s. , 5.1 , PGil, 4		DF	88	P	D011	D022	U044
		22) UN2510, Weste Toxic, liquid CC58118-SP, LCCRC. IC5144-		1	DF	82	P	U007	<b>U23</b> 5	
		23) UN2810, Weste Taxle Liquid CG50118-8P, LCCRC, IC5102-		(	OF	189	P	D007 U080	0022	U044
		24) UN2810, Weste Toxic Liquid CC58118-SP, LCCRC, IC5102-	da, Organic, n.o.e., 5.1, Púll, S5gal, Z		DF	(80	P	D022	U080	
<b>\</b>	15 AC		18) ERG#; CC58118-5 8-SP ADC19) ERG#	SP ADC	ADC	r) ERG#; ( DC	20) ER	18-5P A 1G#; C0 3) ERG	C58116	1
PORTER		ransporter Admowledgment of Receipt of Med/Typed Name	Materiale	sture				Mo	inth Day	Year
SPO		ransporter Acknowledgment of Receipt of N								
TRANS	Printe	ed/Typed Name	Signa	ature .				Mo 1	onth Day	Year
SIGNATED FACILITY		iscrepancy							*	
GNAT	36. H	azardous Waste Report Management Method Code  . HOHO 116.+	as (i.e., codes for hazardous waste treatment, disposal,	and recycling systems)	3.HC	40	110	a.HC	)4O	
DES	a	0.HO40 B1.H	040 122.40	MU 15	23.↓	1040	1	4.4	DU	2
PΑ	Form	8700-22A (Rev. 3-05) Previous editions are	nheolete	DESIG	NATED F	ACILITY TO	DESTINA	TION STA	TE (IF RI	EQUIRED)

Plea		int or type. (Form designed for use on elite (	12-pitch) typewriter.)		T == +4 +1			n Approved	. OMB No.	2050-0039
	UNI	FORM HAZARDOUS WASTE MANIFEST	21. Generator ID Number	22 Page		lest Tracking Nu				
	24.0	(Continuation Sheet) Senerator's Name	NMD002208627	4 of	5		<u> 107760</u>	232 FLE		
	A 5	dvanced Chemical Treatment 13.5 Edith Blvd NE Company Name Company Name			· · · · · · · · · · · · · · · · · · ·	U.S. EPAID I	Number		<del></del>	
Ш	<del> </del>		· · · · · · · · · · · · · · · · · · ·			U.S. EPA ID I	Number			
		Transporter Company Name	·			1		<del></del>		
	27a. HM	27b. U.S. DOT Description (including Proper Shi and Packing Group (if any))	oping Name, Hazard Class, ID Number,	28. Contain No.	Type	29. Total Quantity	30. Unit Wt./Vol.	31.	Waste Code	S
		25) UN2810, Weste Toxic Liqui CC58118-SP, LCCRC, IC5102	da, Organic, n.o.s., 5.1, PGII, 55gel -3	.	DF	190	P	D039	D008	D022
		26) UN2810; Weste Toxic Liqui CC68118-SP/LCCRC, IC5102	ds, Organic, n.o.s., 5.1, PGII, 55gal 5	. (	OF	90	Р	part was villable of	D007	
		27) UN1790, R.Q. Weete Acatis 2002: 55gal, WE7480183, IC50			ÖF	168	P	D002		
GENERATOR	×	28) UN2810, Weste Toxic Liqui CC58118-8P, LCCRC, IC4873	da Organic, n.o.s., 5.1, POII, 55gal, 2	1	DF	168	P	D022	D005	D007
GE!	۱ ا	29) UN2810; Weste Toxic Liqui CC-8P: LCCRC IC4873-3	da Cirganic, n.o.a., 5:1;(PCII) 55gai,	(	DF	205	ě	D688	D089	D040
		30) UN2811, Weste Tools Solid CC58118-SP, LCCRC, IC4873	e, Organic, n.o.a., 6.1, PGII, 55gal, 3	(	DF	120	P	D022	U044	U235
		31) UN2810, Waste Toric Liqui CC58118-SP, LCCRC, IC4873	ds Organic, n.o.s., 6.1, POII, 5Sgal, 7		DF	142	P	0008	D005	LÍTAA
	×	32) UN2810, Waste Toxic Liqui CC68118-SP, LCCRC: IC4873	de Organic, n.o.e., 6:1; POII, 55gsi, 8	. (	DF	17/	P	P077:		
	×	33) UN2810, Waste Toxic Liqui CC68118-SP, LCCRC, IC4873	da Organic, n.o.a., 5.1, PGII, 55gal, B		DF	189	P	D005		
		EC68118-SP/LCCRC IC4873	ংকী		o <b>r</b>	126	Ē		U170 D005	Beet 8
$\prod_{i}$		pecial Handling Instructions and Additional Informs ) ERG#; U044,U080 CC58118		P042,U012,U04	1.U044	Liogo Line	LUZSA	ء ملان	CSA11	4-sP
$\ \ $	A	)C- 27) ERG#: C(	58118-SP ADC- (28)	ERG#; CC5811	8-SP.A	DC-		19) ERG	CONTRACTOR OF THE PARTY OF THE	
, 1988		C55118-SP ADC-	30) ERG4: CC56118-SP ADC			C56118-6 RGW: U188			32	) <u>}</u>
臣	93≅f Print	ransporter Acknowledgment of Receipt of edifyped Name 1 Acknowledgment of Receipt of		eture	_~~!!!		**************************************	v 0	nth Day	Year
S.							_		The second	
TRANSPORTE		ransporter Acknowledgment of Receipt of ed/Typed Name		ature				, Mo	nth Jay	Year
<u>.</u>	35. D	iscrepancy OTA C	mendedto:"Uni2740	Ni Na al-aña	أمله	V:41 C	18. E.	 ~~ <i>O</i>		 Ts.
ED FACILIT	25	2027 Dec Philostege	USE 1-317 Profile LCCR	A Added Fo	r Lin	eatp	A CAN	oseik POlin	reqo	
ESIGNATED		azardous Waste Report Management Method Cod	es (i.e., codes for hazardous waste treatment, disposel." LOUO 27. 4(		8.4	1040	16	29.4	O4 (	)
	Z	24040 BI:4	1040 B2:H0		3. Ł			<u>4. H</u>	<u>OUC</u>	)
EPA	Form	8700-22A (Rev. 3-05). Previous editions are	obsolete.	DESIG	NATED	ACILITY TO	DESTIN/	ATION STA	ITE (IF RE	:QUIRED)

Plea	se pri	nt or type. (Form designed for use on elite (12	-pitch) typewriter.)						i Approved.		2030-0039
1	UNIF	ORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	1. Generator ID Number NMD002208527		22. Page 5 of	23, Manif 5	est Tracking Nun D	077 <del>5</del> 02	232 FLE		
	4	neggo's Nege 139 Edith Bivd NE buquerque, NM 67107					*				
		ransporter Company Name			<u>,</u>		U.S. EPA ID N	lumber			
	26. T	ransporter Company Name	<u></u>				U.S. EPA ID N	lumber			
	27a. HM	27b. U.S. DOT Description (including Proper Shippi and Packing Group (if any))	ing Name, Hazard Class, ID (	Number,	28. Contain	ers	29. Total Quantity	30. Unit Wt./Vol.	31. \	Naste Codes	
		SS) UN2810, Weste Toxic Liquid CC-SP, LCCRC, IC4673-11	s Organic, n.o.s., f	5.1, PGII, 55gal,	1	DF	163	P	D910	D005	
		36) UN2810, Weste Toxic Liquid		6.1, PGII, 55gal,			11/4		D008	D004	D027
		CC58118-SP, LCCRC, IC4873-				DF	197	P	U070	U071	U072
		37) Linza10, Wasta Tode Liquid CC56118-SP, LCCRC, IC4873-1		5.1 <b>, Pcki, 55ga</b> l,		DF	152	P	U188		
GENERATOR -		38) UN1790, Waste Acetic Acid, CC55118-8P, LCCRC, IC4882-6		55gal,		DF	88	P	D002		
		39) UN1325, Weste Flammable CC58118-SP, LCCRD, IC5234-4		.o.a., 4.1,	I	DF	6	P	D001		
	x	40) UN3180, Waste Flammable CC58118-SP, LCCRD, IC5234-(	Salida, Corrosive,	n.a.s., 4.1(8),	(	DF	7	P	D901		
	x	41) UN1328, Weste Hexemethyl LCCRD, IC5234-8	enetriamine, 4.1, (	CC56118-SP,	1	DF	12	P	D001		
										_	
İ											
	3235	Prest and restriction and Additional Information	on 38) ER(	G#; U144,U188 CC	258118-SP A	DC-	3	7) ERG	<u> </u> ₩; CC5	8118-9	P
		OC35) ERG#; CCI O ADC41) ERG#;		39) ER(			DC		o) ERG		
TRANSPORTER		ansporterAcknowledgment of Receipt of Ma d/Typed Name	aterials	Signature					· Mo	nth Day	Year
ANSP		ensporterAcknowledgment of Receipt of Ma	aterials	Signature					Mo	nth Day	Year
TR							·				
FACILITY	Lir	sergency ne38Section276Ame ded to Lines39×40S te00287-3-17	nded to "Un ection 276;	2790, Waste PGIII Addec	Acetica Itoure	kcidS 41Se	olution, ctiona	8,79 70	JIL"	PGII	
ATED	36. H	azardous Waste Report Management Method Codes	(i.e., codes for hazardous w	aste treatment, disposal, and re			10 :0		~		$\overline{}$
DESIGNATED	<u>ک</u>	D. HOYO 136. +	1010	137.404	<u> </u>	8. 1	1040		71.11	YIC	ا ر
	4	0.4040 141.4	040				- A A (1				
-PA	Form	8700-22A (Rev. 3-05) Previous editions are of	nhsolete		DESIG	iNAIED F	FACILITY TO I	UES IINA	aiion s ia	vi E (IF R	:WURED)

EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

	·	GENER	ATOR NAME	MANIFEST NUMBER	
		Advanced C	nemical Treatment	007760232 FLE	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S NWW or WV	
1	CC56118-SP / CC56118-SP	D001	-	Nww	!
		D003			
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S NWW or WY	•
2	CC56118-SP / CC56118-SP	D003		NWM	
_ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S NWW or WV	-
	CC56118-SP / CC56118-SP	D001		Nww	1
	CC50110-5F	D002			
		D004			
		D006			٠
		D007			
		D008		· .	
		D010	•		
		D011			
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S NWW	•
4	CC56118-SP/	D005	,	NWM	1
	CC56118-SP	D006			
		D008		•	
		D011			
	•	D022	•		
		D039			
:		U044			
1		U050			
; !		U080			
		U188			
		U210			·
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S NWW or WV	
5	CC56118-SP/	D011		. Nww	
	CC56118-SP	D022			
		U044			

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
6	CC56118-SP / CC56118-SP	D002			NWW
_ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
7	CC56118-SP / CC56118-SP	D002			NWW
ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
8	CC56118-SP / CC56118-SP	D002			NWW
ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
9	CC56118-SP / CC56118-SP	D002			NWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
10	CC56118-SP / CC56118-SP	D002			NWW
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
11	CC56118-SP / CC56118-SP	U219			NWW
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
12	CC56118-SP/ CC56118-SP	D007			NWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
13	CC56118-SP/	D005			NWW
	CC56118-SP	D011			
		D022			
		U044			·
ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
14	CC56118-SP / CC56118-SP	D001			NWW

			· · · · · · · · · · · · · · · · · · ·			
Line	TSD Approval#	Waste Code(s)	Subcategory	UHCS	NWW Spects or WW Condition	
15	CC56118-SP / CC56118-SP	D001 D002	· ·		NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Speck or WW Conditio	
16	CC56118-SP / CC56118-SP	D002			NWW	
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Speck or WW Conditio	
17	CC56118-SP / CC56118-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Condition	
18	CC56118-SP / CC56118-SP	D002 U134			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Speck or WW Conditio	
19	CC56118-SP / CC56118-SP				NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Speck or WW Conditio	
20	CC56118-SP / CC56118-SP	D008			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Speck or WW Condition	
21	CC56118-SP / CC56118-SP	D011 D022 U044			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Condition	
22	CC56118-SP / CC56118-SP	U007 U236			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Speck or WW Condition	
23	CC56118-SP / CC56118-SP	D007			NWW	
		U044 U080				
!			***ORIGINAL SIGNATURE PAGE TO ACCOMPANY	MANIFEST***		

.ine	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	or WW	Special Condition:
24	CC56118-SP/	D022			NWW	
	CC56118-SP	U080				
ne	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	or WW	Special Conditions
5	CC56118-SP / CC56118-SP	D008			NWW	
	CC30110-3F	D022				
		D025			•	
		D026				
		D039		·		
		D040				
		U044				
		U080			,	
16	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Condition
6	CC56118-SP/	D004			NWW	
	CC56118-SP	D007	•	•		
		D010				
		D011				
		D022				
		D031				
		P042				
		U012	•	-		
		U043	·			
		U044				
		U080				
		U188	•			
		U236				
		U248				
e	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Condition
,	CC56118-SP / CC56118-SP	D002			NWW	
<b>e</b>	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
	CC56118-SP /	D005			NWW	
	CC56118-SP	D007				
		D022	·			

<sup>\*\*\*</sup>ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST\*\*\*

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
29	CC56118-SP/	D004			NWW	
	CC56118-SP	D022				
		D039				
		D040				
		P075				
ļ		U048				
:		U188	•			
		U240				
_ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
30	CC56118-SP/	D022	·		NWW	
	CC56118-SP	U044				
		U236				
.lne	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
31	CC56118-SP / CC56118-SP	D005			NWW	
		D008				
; 		U144				
ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
32	CC56118-SP/	P077			NWW.	
.ipe	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
33	CC56118-SP / CC56118-SP	D005			NWW	
ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
34	CC56118-SP/	D004			NWW	<u></u>
	CC56118-SP	D005				
		D007				
		D008				
		U170				
		U188				
		U201				

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
35	CC56118-SP/	D005			NWW	-
	CC56118-SP	D010				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
36	CC56118-SP / CC56118-SP	D004			NWW	
		D008				
i		D027				
		U070				
		U071				
ļ		U072				
		U144				
	· .	U188				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
37	CC56118-SP / CC56118-SP	U188			NWW	
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
38	CC56118-SP / CC56118-SP	D002			NWW	
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
39	CC56118-SP / CC56118-SP	D001			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
40	CC56118-SP / CC56118-SP	D001			NWW	
ine	TSD Approval#	Waste Code(s)	Subcategory	UHCS	NWW or WW	Special Conditions
41	CC56118-SP/	D001			NWW	

DATE

#### SPECIAL CONDITIONS:

- A Waste Requiring No Further Treatment
- B. Lab Pack Waste Qualifying for Alternative Treatment and 40 CFR 268.40
- C. Hazardous Waste Debris subject to standard treatment requirements, 40 CFR 268.40
- D. Hazardous Waste Debris subject to atternative standards in 40 CFR 268 (list contaminants)
- E. Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
- F. Characteristic waste that are subject to the treatment standards in 268.40 (other than those expressed as a required method of treatment) that are reasonably expected to contain underlying hazardous constituents as defined in 268.2(i); are treated on-site to remove hazardous characteristic; and are sent off-site for treatment underlying hazardous constituents (list constituents)
- G. Characteristic wastes that contain underlying hazardous constituents as defined 268.2(i) that are treated on-site to remove the hazardous characteristic and the underlying hazardous constituents to levels in 268.48 Universal Treatment Standards.
- H. For Chemical Manufacturers, Petroleum Refineries, Coke By-Product Facilities and RCRATSDF handling wastes subject to 40 CFR 61 subpart FF ONLY. This waste is "Controlled Benzene Waste" which is subject to the notification requirements of 40 CFR subpart FF.
- 1. Certification for contaminated soil indicating the presence or absence of characteristic and / or listed hazardous wastes.
- J. Certification for contaminated soil treated in accordance with 40 CFR 268.49

Waste analysis is attached where available; otherwise the information contained herin is based upon my thorough knowledge of the waste(s).

I hereby certify that I believe that the information I have submitted is true, accurate and complete.

	SIGNATURE	TITLE	
	Chu O	Chemial	06/12/2017
<u> </u>		- Chemiss	1 Dallade

WASTE STREAMS IDENTIFIED BY SPECIAL COMDITION A

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR part 268 subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I have submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

### WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION B

I certify under penalty of law that I personally have examined and am familiar with the waste and that lab pack contains only wastes which have not been excluded under appendix iv to 40 CFR 268. I am aware that there are significant penalties for submitting a false certification, including fine and imprisonment.

#### WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION F

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 286.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

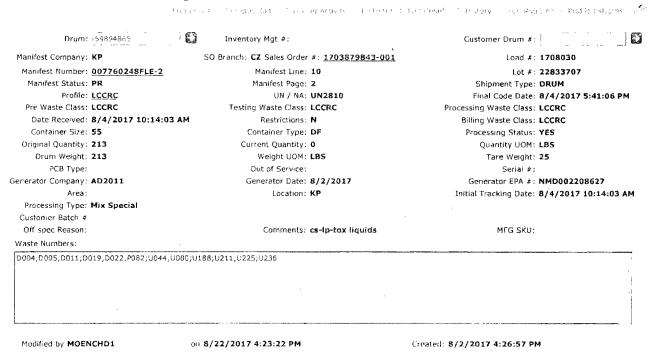
WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION G.

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 286.40 to remove the hazardous characteristic, and that the underlying hazardous constituents, as defined in 268.2 have been treated on site to the 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

#### WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION I

I certify under penalty of law that I personally have examined this contaminated soil and it [DOES/DOES NOT] contain listed hazardous waste and [DOES/DOES NOT] exhibit a characteristic of hazardous waste and requires treatment to meet the soil treatment standards as provided by 268.49(c). WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION J

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.



Drum: 59	894866	Inventory Mgt #:	Customer Drum #:	[
Manifest Company: KP		SO Branch: CZ Sales Order #: 1703879	843~001 Load #:	1708030
Manifest Number: 007	7760248FLE-2	Manifest Line: 11	Lot #: 2	22833713
Manifest Status: PR		Manifest Page: 2	Shipment Type: I	DRUM
Profile: LCC	CRC	UN / NA: UN2810	Final Code Date: 8	8/4/2017 5:41:34 PM
Pre Waste Class: LCC	CRC	Testing Waste Class: LCCRC	Processing Waste Class: 1	-CCRC
Date Received: 8/4	1/2017 10:14:03 AM	Restrictions: N	Billing Waste Class: 1	-CCRC
Container Size: 55		Container Type: DF	Processing Status: 1	/ES
Original Quantity: 170	)	Current Quantity: 0	Quantity UOM: L	.BS
Drum Weight: 170	)	Weight UOM: LBS	Tare Weight: 2	t5
PCB Type:		Out of Service:	Serial #:	
Generator Company: AD:	2011	Generator Date: 8/2/2017	Generator EPA #: I	MD002208627
Area:		Location: KP	Initial Tracking Date: 8	3/4/2017 10:14:03 AM
Processing Type: Mix	Special			
Customer Batch #				
Off-spec Reason:		Comments: cs-lp-tox liq	uids MFG SKU:	•
Waste Numbers:				
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Drum:	59895864	Inventory Mgt #:		Customer Drum #:	
Manifest Company:	KP	SO Branch: CZ Sales Order	#: <u>1703879843-001</u>	Load #: :	1708030
Manifest Number: !	007760248FLE-3	Manifest Line:	. 17	lot #: 2	22841455
Manifest Status: I	PR	Manifest Page:	3	Shipment Type: I	DRUM
Profile: (	LCCRC	UN / NA:	UN2810	Final Code Date: 1	3/7/2017 8:20:19 AM
Pre Waste Class: I	LCCRC	Testing Waste Class:	LCCRC	Processing Waste Class: I	.ccrc
Date Received: I	8/4/2017 10:14:03 AM	Restrictions:	N	Billing Waste Class: I	.CCRC
Container Size: !	55	Container Type:	DF	Processing Status: 1	res
Original Quantity:	168	Current Quantity:	0	Quantity UOM: I	.BS
Drum Weight:	168	Weight UOM:	LBS	Tare Weight:	15
PCB Type:		Out of Service:		Serial #:	
Generator Company: A	AD2011	Generator Date:	8/2/2017	Generator EPA #: I	MD002208627
Area:		Location:	KP	Initial Tracking Date: 8	3/4/2017 10:14:03 AM
Processing Type: I	Mix Special				
Customer Batch #		•			
Off-spec Reason:		Comments:	zd-lp-tox liquids	MFG SKU:	
Waste Numbers:					
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П	26. 1	ransporter Company Name					U.S. EPA ID I	Number			
Н								. —	,		
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		21) UN2734, Waste Polyamines	Hammable Corrosive, n.o.s.,		1				10001	1002	
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11		22) UN2734, R.O. Viests Polyem	ines, Flammable Corrosive.		1		. /		<b>)</b>	2002	
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IJ		23) UN2920, R.Q. Waste Corros	Ne Liquids, Flammable, n.o.s.,		,	DF		_	ונכב	2002	
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11		10) UN2810, Waste Toxic Liquids	organic in o 8 84	PGIL SSGAL	<u> </u>	1			ם גנננ	005 0	011
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## **WSDRUM - Drum Viewing**

Manifest Company:         KP         SO Branch:         CZ Sales Order #: 1705651570-001         Load #: 1711117           Manifest Number:         007760329FLE         Manifest Line:         35         Lot #: 23764084           Manifest Status:         PR         Manifest Page:         1         Shipment Type:         DRUM           Profile:         LCCRC         UN / NA:         UN2810         Final Code Date:         11/15/2017 9:04:22 AM           Processing Waste Class:         LCCRC         Processing Waste Class:         LCCRC           Date Received:         11/14/2017 9:58:47 AM         Restrictions:         N         Billing Waste Class:         LCCRC           Date Received:         11/14/2017 9:58:47 AM         Restrictions:         N         Billing Waste Class:         LCCRC           Date Received:         11/14/2017 9:58:47 AM         Restrictions:         N         Billing Waste Class:         LCCRC           Drighal Quantity:         90         Current Quantity:         0         Quantity UoM:         LBS           Drum Weight:         90         Weight UOM:         LBS         Tare Weight:         15           Generator Company:         AD2011         Generator Date:         11/13/2017         Generator EPA #:         NMD002208627 <t< th=""><th>Drum: 61</th><th>947865</th><th>Inventory Mgt #:</th><th></th><th>Customer Drum #:</th><th></th></t<>	Drum: 61	947865	Inventory Mgt #:		Customer Drum #:	
Manifest Status:         PR         Mamifest Page:         1         Shipment Type:         DRUM           Profile:         LCCRC         UN / NA: UN2810         Final Code Date:         11/15/2017 9:04:22 AM           Pre Waste Class:         LCCRC         Processing Waste Class:         LCCRC           Date Received:         11/14/2017 9:58:47 AM         Restrictions: N         Billing Waste Class:         LCCRC           Container Size:         30         Container Type: DF         Processing Status:         YES           Original Quantity:         90         Current Quantity:         0         Quantity UOM: LBS           Drum Weight:         90         Weight UOM: LBS         Tare Weight:         15           PCB Type:         Out of Service:         Serial #:           Generator Company:         AD2011         Generator Date:         11/13/2017         Generator EPA #: NMD002208627           Area:         Location:         KP         Initial Tracking Date:         11/14/2017 9:58:47 AM           Processing Type:         Mix Special         Comments:         ZD LP NO RS         MFG SKU:           Waste Numbers:         D005;0007;0008;0022;0037;6027;9027;9048;9075;0007;0010;0012;0044;0058;0081;0101;0165;0170,0188;0328         NPG SKU:	Manifest Company: KP		SO Branch: CZ Sales Order	#: <u>1705651570-001</u>	Load #:	1711117
Profile: LCCRC UN / NA: UN2810 Final Code Date: 11/15/2017 9:04:22 AM Pre Waste Class: LCCRC Testing Waste Class: LCCRC Processing Waste Class: LCCRC  Date Received: 11/14/2017 9:58:47 AM Restrictions: N Billing Waste Class: LCCRC  Container Size: 30 Container Type: DF Processing Status: YES  Original Quantity: 90 Quantity: 0 Quantity UOM: LBS  Drum Weight: 90 Weight UOM: LBS Tare Weight: 15  PCB Type: Out of Service: Serial #: Generator Company: AD2011 Generator Date: 11/13/2017 Generator EPA #: NMD002208627  Area: Location: KP Initial Tracking Date: 11/14/2017 9:58:47 AM  Processing Type: Mix Special  Customer Batch #  Off-spec Reason: Comments: ZD LP NO RS MFG SKU:  Waste Numbers:  D005;D007;D008;D002;D037;F027;P027;P048;P075;U007;U010;U012;U044;U058;U081;U101;U165;U170,U188;U328	Manifest Number: 00	7760329FLE	Manifest Line:	35	Lot #:	23764084
Pre Waste Class: LCCRC Date Received: 11/14/2017 9:58:47 AM Restrictions: N Billing Waste Class: LCCRC Container Size: 30 Container Type: DF Processing Status: YES Original Quantity: 90 Current Quantity: 0 Quantity UOM: LBS Drum Weight: 90 Weight UOM: LBS Tare Weight: 15 PCB Type: Generator Company: AD2011 Generator Date: 11/13/2017 Area: Processing Type: Mix Special Customer Batch # Off-spec Reason: Comments: ZD LP NO RS MFG SKU:  DOUS; NO07; NO008; NO02; NO007; NO008; NO02; NO007; NO007; U0010; U012; U044; U058; U081; U101; U165; U170, U188; U328	Manifest Status: PR		Manifest Page:	1	Shipment Type:	DRUM
Date Received: 11/14/2017 9:58:47 AM Restrictions: N Billing Waste Class: LCCRC Container Size: 30 Container Type: DF Processing Status: YES  Original Quantity: 90 Current Quantity: 0 Quantity UOM: LBS  Drum Weight: 90 Weight UOM: LBS Tare Weight: 15  PCB Type: Out of Service: Serial #: Generator Company: AD2011 Generator Date: 11/13/2017 Generator EPA #: NMD002208627  Area: Location: KP Initial Tracking Date: 11/14/2017 9:58:47 AM  Processing Type: Mix Special  Customer Batch #  Off-spec Reason: Comments: ZD LP NO RS MFG SKU:  Waste Numbers:  D005;D007;D008;D002;D037;F027;P027;P048;P075;U007;U010;U012;U044;U058;U081;U101;U165;U170,U188;U328	Profile: <u>LCC</u>	CRC	UN / NA:	UN2810	Final Code Date:	11/15/2017 9:04:22 AM
Container Size:         30         Container Type: DF         Processing Status: YES           Original Quantity:         90         Current Quantity: 0         Quantity UOM: LBS           Drum Weight:         90         Weight UOM: LBS         Tare Weight: 15           PCB Type:         Out of Service:         Serial #:           Generator Company:         AD2011         Generator Date: 11/13/2017         Generator EPA #: NMD002208627           Area:         Location:         KP         Initial Tracking Date: 11/14/2017 9:58:47 AM           Processing Type:         Mix Special           Customer Batch #         Off-spec Reason:         Comments: ZD LP NO RS         MFG SKU:           Waste Numbers:         D005;0007;0008;0022;0037;F027;P027;P048;P075;U007;U010;U012;U044;U058;U081;U101;U165;U170,U188;U328	Pre Waste Class: LCC	CRC	Testing Waste Class:	LCCRC	Processing Waste Class:	LCCRC
Original Quantity;         90         Current Quantity: 0         Quantity UOM: LBS           Drum Weight:         90         Weight UOM: LBS         Tare Weight: 15           PCB Type:         Out of Service:         Serial #:           Generator Company:         AD2011         Generator Date: 11/13/2017         Generator EPA #: NMD002208627           Area:         Location:         KP         Initial Tracking Date: 11/14/2017 9:58:47 AM           Processing Type:         Mix Special           Customer Batch #         Off-spec Reason:         Comments: ZD LP NO RS         MFG SKU:           Waste Numbers:         D005;0007;0008;0022;0037;F027;P027;P048;P075;U007;U010;U012;U044;U058;U081;U101;U165;U170,U188;U328         MFG SKU:	Date Received: 11,	/14/2017 9:58:47 AM	Restrictions:	N	Billing Waste Class:	LCCRC
Drum Weight:         90         Weight UOM: LBS         Tare Weight:         15           PCB Type:         Out of Service:         Serial #:           Generator Company:         AD2011         Generator Date: 11/13/2017         Generator EPA #: NMD002208627           Area:         Location:         KP         Initial Tracking Date: 11/14/2017 9:58:47 AM           Processing Type:         Mix Special         Customer Batch #         Off-spec Reason:         Comments: ZD LP NO RS         MFG SKU:           Waste Numbers:         D005;0007;0008;0022;0037;F027;P027;P048;P075;U007;U010;U012;U044;U058;U081;U101;U165;U170,U188;U328         MFG SKU:	Container Size: 30		Container Type:	DF	Processing Status:	YES
PCB Type: Out of Service: Serial #:  Generator Company: AD2011 Generator Date: 11/13/2017 Generator EPA #: NMD002208627  Area: Location: KP Initial Tracking Date: 11/14/2017 9:58:47 AM  Processing Type: Mix Special  Customer Batch #  Off-spec Reason: Comments: ZD LP NO RS MFG SKU:  Waste Numbers:  D005;D007;D008;D022;D037;F027;P027;P048;P075;U007;U010;U012;U044;U058;U081;U101;U165;U170,U188;U328	Original Quantity: 90		Current Quantity:	0 .	Quantity UOM:	LBS
Generator Company: AD2011   Generator Date: 11/13/2017   Generator EPA #: NMD002208627	Drum Weight: 90		Weight UOM:	LBS	l'are Weight:	15
Area: Location: KP Initial Tracking Date: 11/14/2017 9:58:47 AM  Processing Type: Mix Special  Customer Batch #  Off-spec Reason: Comments: ZD LP NO RS MFG SKU:  Waste Numbers:  D005;D007;D008;D022;D037;F027;P027;P048;P075;U007;U010;U012;U044;U058;U081;U101;U165;U170,U188;U328	PCB Type:		Out of Service:		Serial #:	
Processing Type: Mix Special  Customer Batch #  Off-spec Reason:	Generator Company: AD	2011	Generator Date:	11/13/2017	Generator EPA #:	NMD002208627
Customer Batch # Off-spec Reason:	Area:		Location:	KP	Initial Tracking Date:	11/14/2017 9:58:47 AM
Off-spec Reason: Comments: <b>ZD LP NO RS</b> MFG SKU:  Waste Numbers:  D005;D007;D008;D022;D037;F027;P027;P048;P075;U007;U010;U012;U044;U058;U081;U101;U165;U170,U188;U328	Processing Type: Mix	c Special				
Waste Numbers: D005;D007;D008;D022;D037;F027;P027;P048;P075;U007;U010;U012;U044;U058;U081;U101;U165;U170,U188;U328	Customer Batch #					
D005;D007;D008;D022;D037;F027;P048;P075;U007;U010;U012;U044;U058;U081;U101;U165;U170,U188;U328	Off-spec Reason:		Comments:	ZD LP NO RS	MFG SKU:	
	Waste Numbers:					
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Modified by CASTAGS1

on 11/17/2017 11:44:17 PM

Created: 11/13/2017 1:21:34 PM

# **WSRVWTRK** - View Tracking Activities

Jr ajk				Properties , Compositor .	, Crum Stawing 1 for	suct s   tal	Results - His	DIV   Gen Retictes   Profile	e Hatrotna 🚓			
Tracking	Tracking Number: 61947865											
Dog! Lo	c <b>Ar</b> tfyi <b>ty</b>	Qty	Drum / Tenk Venicle	Actual Date	Mandest 4 Area	Profile #	Dapel Folty	Fniry Date	User			
κ	INCN	75	TOU	12/26/2017 01:40:06 AM				12/26/2017 10:08:39 AM	BROWERB			
к	י דידו	75	H170B-E	12/25/2017 11:37:05 AM				12/25/2017 11:37:53 AM	MARKUMC1			
к	गगा १	75	H170B	12/24/2017 12:28:10 PM				12/24/2017 12:28:31 PM	MARKUMC1			
к	VHTK	75	H170A	12/24/2017 09:58:08 AM				12/24/7017 09:58:14 AM	CASTAGS1			
к	TKVH	75	UPCU411011	11/18/2017 01:52:00 AM		•		11/18/2017 01:52:32 AM	DOBRINA2			
К	PUMP	75	H150D	11/17/2017 11:44:12 PM				11/17/2017 11:44:17 PM	CASTAGS1			
K	INVT			11/16/2017 08:39:24 AM	KP Van 19			11/16/2017 08:39:24 AM	GILLMIJ1			
K	DSWT	90		11/15/2017 07:55:38 AM				11/15/2017 07:55:38 AM	GIBSONT1			
K	INVT			11/14/2017 10:50:56 AM	25 Inbound:Slot 1			11/14/2017 10:50:56 AM	JOHNSOL7			
K	PREC			11/14/2017 09:58:49 AM				11/14/2017 09:58:52 AM	JOHNSOL7			
K	RECV			11/13/2017 12:00:00 AM				11/13/2017 01:21:34 PM	JOHNSOL7			

<u>P</u>	lea	se print or type. (Form designed for use on elite (12-pitch) typewriter.)		VL	TITC	<u>1                                    </u>			I. OMB No. 20	50-0039
1	$\uparrow$	WASTE MANIFEST N MD 002208627	2. Page 1 of 3. E	mergency Response	Phone -	722 00	776	032	9 FI	LE
l	Ш	5. Generator's Name and Mailing Address NMD002208627	Gen 5	erator's Site Address 1-868-78	(if different th 5-7225	an malling addre	188)			
	П	Advanced Chemical Treatment				-				
	П	Generator Statute Maria NE 87107 6. Transpoter 1 Company 1875-349-5220				11.0 501.15	N			
ı		a. Iranspojas i Company (1875-189-5220)		•		U.S. EPA ID	NUITIDEF			
	H	7. Transportichanced (Cinemical Transport Inc. (SV)				U.S. EPA ID	Number <b>C</b> A	<b>1700007</b>	0540	
	Н	8. Designated Facility Name and Site Address				U.S. EPA ID	Number			
ĺ		Clean Harbors Emironmental Services, Inc. (KP) 2247 South Highway 71 Kimbasil, NE 88145 Facility's Prone:				1	<b>3513</b>			
		9a. Pb. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Contair No.	ers Type	11. Total Quantity	12, Unit Wt./Vol.	13.	Waste Codes	
	RATOR	UN3184, Warde Organic Perceide, Type C, solid, CC57613-SP, LRCTO, D164501-16	n.n.s., ä.2,	1	DF.	13	P	D001 [	703 D72	2
		UN3108, Waste Organic Perceide, Type R, Solid, CC57613-SP, LRCTO, IC5142-7	5.2, 5gal,		DF	B	p	D001 E	2003	
M		3 UN1436 Waste Zior Powder, 4.3(4.2), FGI, Sgal-S	114	1	- CM-	10	-	100	7740	
19	11	UN2013, Waste Water Reactive Sold, 4.3, PG, 13	YA	7			ļ		1114	
W		CC37613-SP. LRCTD, IC5629-2	affar.		DF	36	P	D001 C	2003	
-		14. Special Handling Instructions and Additional Information		Document at 8	02145		<u> </u>	Ĺ		
- 1		1) GC57513-6P ADC 2) GC57513-6P ADC		C67513-8P AE		···				
			7, 0	moto mater. Ut	~	50# 1	705	65 15	70	
		<ol> <li>GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this or marked and labeled/placarded, and are in all respects in proper condition for transport accor</li> </ol>	consignment are ful	ly and accurately des	cribed above	by the proper st	nipping nam	e, and are cla	ssified, package	ed,
	H	Exporter, I certify that the contents of this consignment conform to the terms of the attached I certify that the weste minimization statement identified in 40 CFR 262.27(a) (if I am a large	EPA Acknowledgm	ent of Consent.				,	,	
		Generator's/Offeror's Printed/Types/Name	Signature				.1/	Mo	ith Day	Year
	<u>*</u>	16. International Shipments Import to U.S.	Export from U.S.	Post reland		~	77	<u>- I/-</u>		//
	틸	Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials		Date leavi						` `
		Transporter 1 Proted/Typed Name	Signature	7				Mo	nth Day	Year
	뒭	Transporter 2 Printed/Typed Name	Signature	<u></u>			L.	Mo	nth Day	Year
	₹ 									
		18. Discrepancy  18a. Discrepancy Indication Space Countily Countily Trans								=
	$\ $	Type	-	Residue	Ni b	Partial Rej	jection		Full Rejecti	ion
<u>}</u>		18b. Alternate Facility (or Generator)		Manifest Reference	NUTROBE:	U.S. EPA ID I	Number			
	3	Facility's Phone:				1		,		
		18c. Signature of Alternate Facility (or Generator)		-			<u> </u>	Mo	onth Day	Year
CEICHATER EACH ITY	<b>⋛</b>	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment	nent, disposal, and	recycling systems)					L	
	š	1 1111 2 141141	3.			4.	41	141		
		20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered	by the manifest ex	cept as noted in Item	18a	L	<u>   11</u>	71	<del></del>	
		Printed/Typed Name  ALLIA ALIANY	Signature	Kul	wh	Min	7	Mo	inth Day	17
EI	PAI	Form 8700-22 (Rev. 3-05) Previous editions are obsolete.		DESIG	NATED F	ACILITY TO	DE\$TINA	TION STA	TE (IF REQI	UIRED)

102		int or type. (Form designed for use on elite (			1 00 Bara	1 22 Man Hand Town		m Approved.	CIVID NO.	2050-0039
1	UNI	FORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number NND092208827	2	22. Pege of 5	23. Manifest Trac	xing Number 077 <b>90329</b> FL	E		
	24.0	Senerator's Name	·		<u> </u>		•		-	
		Advanced Chemical Treatment 3133 Edith Blvd NE Abuquerum, NM87107		_		-				
	25.	Fransporter Company Name				U.S.	EPA ID Number			·
	26. 1	Transporter Company Name				u.s.	EPA ID Number			
	27a. HM	27b. U.S. DOT Description (including Proper Ship and Packing Group (if any))	oping Name, Hazard Class, ID Number,		28. Containe		Total 30. Unit antity WL/Vol.	1 31 1	Waste Code:	3
	×	5) UNIŠI4, Wiesto Flammablo Li Sgal, CC57613-SP, LCCRD, IC6(	quid Gorrosive, n.o.s., 3(8), 29-6	, PGH,	(	DF (	4	נו וממים	002	
	×	6) UN2019, Wasta Toric Liquids, CC57613-8P, LCCRC, IC5636-1	Organio, n.o.s., 6.1, PGII, S	Sgal,	1	DF (9	6	0005 D		111
	x	7) UN1992, R.Q. Whele Flammet PGII, RO-0221, 2008, 55gal, CC	ole Liquids, Toxic, n.c.s., 3( 57813-SP, LCCRD, IC5531	6.1), 6-2		OF (	84.	9221 D	022	
GENERATOR —	X	8) UN1892, R.C. Wiets Flammat PGIL RO-D991, 19642, 55gel, CC	le Liquids. Taxic, n.o.e., 3( 57813-SP, LCCRD, IC583(	6.1). B-3	(	OF (	(/ }	0235 D	<b>901</b>	
- GENE		9) UN3264, WIGHE COMMENT LIQU Pall, 20gml, CC57813-6P, LCCR/	ICO, ACIGIC MORIANIS NO.	i., 8i,		of 4	60	0002		
		TU) UN2733, R.C. VALL: PRISMI n.o.s., 3(8), PGH, RC=D021, D002 IC6338-6				<b>F</b> //	0	0001 13	002	
	×	T1) UN3284, N.C. V/sets Corresh h.o.s., 8. PGII, RQ=0002: 30gel, C	e Liquida, Addic, inorgani :C67613-SP. LCCRA, IC66	C. 138-0	(	DF 12	of P	9332	***	
-	×	12) UN2799, Waster Acete Add, G CC57618-SP, LCCRC, IC5638-9				OF 7	70	ם ופפש	002	
	×	<del>18) UN1682, R.G. Wests Flamma</del> Páil, RO=D001, 30gal, CC67613	i <del>bla Liquids, Tusic, m.a.a., S</del> .GP, LCCRD. IC5645-1	N <del>(8.1),</del>	1	OF (7	7 ·	0331 U	1003 U	27
	٠.	14) UN2811, Todo Solid, Organia 1984: CGR7813-SP: LCGRG: IGR	, m.u.s.; 6.1 <b>, Fel, DCT-aFs</b> 846-7	186,	1 4	OF 7	3	ONE		
	CC	7a13-8P ADC11) E	5) ERG#; U052,U069 G#; CC57613-6P ADC- RG#; CC57513-6P ADC- RG#; GG57513-6P ADC-	9) E	RG#; CC57	3-SP ADC 613-6P ADC- 67613-6P AD	·	ERG#; 19) ERG# 13) ER		
XTER TER		ensporter Acknowledgment of Receipt of I d/Typed Name	<b>Nationals</b>	Signature				Mor I	nth Day	Year
TRANSPORTER		ensporterAcknowledgment of Receipt of I d/Typed Name	Aptieriels	Signature				Mor	nth Day	Year
DESIGNATED FACILITY		screpancy								
GNATE	36. H	azardous Waste Report Management Method Cod HDHO L J	es (i.e., codes for hazardous waste treat	ment, disposal, and rec	ycling systems)	4640	19	. 464	)	
┙	10	HEXID 111.	HO40 112.	HC40	13.	4640	N N		40	
PA	Form	8700-22A (Rev. 3-05) Previous editions are	obsolete.		DESIG	NATÈD FACILI1	Y TO DESTIN	ATION STA	JE (IF RE	:UUIRED)

A I		Int or type. (Form designed for use on eine t	21. Generator ID Number	22. Page	23. Mar	lifest Tracking Num		Арриотец. С	MID INU.	2000-0009
TI	<b>₩</b>	(Continuation Sheet)	NMD002208627	3 of 5	1	0077803	76 E			
Ш	24. (	Generator's Name	LINE JULIA SUNDA F	21 04 0		111 (111)	WS FLE			
		Advanced Chemical Treatment 5133 Edith Blad.NE								
Ш	25.	Albuquesque, NM 6/107. Transporter Company Name				U.S. EPAID N	umber	-		
Ш										
	<b>2</b> 6. 1	Transporter Company Name				U.S. EPA ID N	umber			
	27a. HM	27b. U.S. DOT Description (including Proper Ship and Packing Group (if any))	oping Name, Hazard Class, ID Number,	28. Con No.	tainers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Wa	ste Code	3
	×	15) UN3264, R.Q. Wasts Corresion.s., 8, PGB, RO=0002, 55gal, C	B Liquida, Acidie, Inorganie, C67613-SP, LCCRA, IC5655-1		DF	248	. 1	003		
	X	16) UN1992, R.C. Wests Flamma PGII, RC=D001, 55gel, CC57613-	ble Liquids, Toxic, n.o.s., 3(6.1), SP, LCCRD, IC5655-2	1	DF	226	<b>)</b> }	991 D93 992 U95	15 F0	
	×	17) UN1863, R.Q. Visete Flamme RC=0001, 85gal, CC57613-3P, L		1	DF	221	, 9	221 F00	13.	
ERATOR -	Χ,	18) UN2810, Waste Toric Liquide CC57818-SP, LGCRC, IC5855-4	, Organic. n.o.s., 5.1, Pdii, 55gal,	1	OF.	149	• <u> </u>	225 D21		50
	X	14) UN 1882, R.O. Vinete Flamma PGII, 55gal; CC57613-6P/L CCRD	bin Liquids, Taxo, n.a.s, 3(5.1), , IC5655-7		DF	166	• T	001 F00 220 U23		54
	X	20) UN2810, Wests Toxic Liquids CC57619-BP, LCCRC, IC5855-8	, Organic, n.o.s., 6.1, PGII, 55gal,	1	DF	164	, 4	010 D02	-	95
	X	21) UN2824, R.C. Visita Mamma S(8), PGB, RQ=D001, D052, Siga IG5855-19	ble Liquide; Corroelvs, n.c.s., I. CC67013-6P, LCCRO,	15	OF.	129	• 1	991 DD0		
		22) UN3284, R.O. Wests Corresh n.o.s., d. PGII, RQ=0002, 30cel, C	to Liquide, Acidic, Inorganic, C57613-SP, LCCRAIC5655-11	1	DF	102	, •	092		
	×	23) UN2824, Waste Flammable L PAIL Regal CC67817-RP. I-CCRF	iquida Compsive, n.p.s., \$(8), n: ICE466-19	1	DF	94	,	221 200	12	
	×	24) LIN2810, Wasta Toxio Liquide GG6741 R-AP: I-GGRG: IGAR66-12	, Organic, n.o.ė., 5.1, PGII, Sogal,	1	DF	91	, ]	270 D00	}	05
	32.S	pecial Handling Instructions and Additional Informa ER China	don as spott person					i		
		ERGI: CC57613-8P ADC-	18) ERG#; CC57813-SP AE			CC57618-6 CC57618-8			-	ŀ
		ERG#; U154,U188 CC57613-SP	ADG22) ERG#; CG5			_23) ERG#		3-6P AD/	<u> </u>	
ŀ		24) ERG#: CC57613-6								
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ŀ	20	_HEXH) 121	HOH) 1362 TC	$\mathcal{M}$	ノン YH	טוט	124	$\cdot$ HO	70	- 1

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lt	UNI	FORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number NMD002208627	4	22. Page	23. Manti	lest Tracking Nur 227780		i.		
ı	24. (	Senerator's Name							<u> </u>		
		Advanced Chemical Treatment 9133 Edith Blvd NE Albuqueque, NM 97497	·	·		<u>.</u>					
H		Transporter Company Name	•				U.S. EPA ID I	Number			
	26.	Transporter Company Name				<del></del>	U.S. EPA ID I	<b>t</b> umber		<del> · _ · </del>	
	27a. HM	27b. U.S. DOT Description (including Proper Shij and Packing Group (if any))	ping Name, Hazard Class, ID Number,		28. Conta	iners Type	29. Total Quantity	30. Unit WL/Val.	31.	Waste Codes	
	×	<b>25) UN1883, Weste Flammable L</b> CC57613-6P LCCRD, IC5656-17	iquids, n.o.s., 3, PGII, 39gs	si,	1	DF	122	P	991		
	×	26) UN3265, Waste Corrosive Liq PGH, 15gal; CC57813-SP, LCCR0	uids, Addic, Organic, n.o.s :, IC5255-18	i., 8,	ļ	DF	61	<b>.</b> "	202		
	×	27) UN3265, Waste Contrible Liq PGII, 15get, CC57813-SP, LCCR0	uids, Addic, Organic, n.o.s ;, IC5455-18	:., <b>0</b> ,	1	DF	35	-	2		
GENERATOR -	×	28) UN 1781, Whate Hypochlarite CC57818-SP: LCCR8, IC3855-21	Bolutions, n.o.s., 8, POH, 1	Sgal,	(	DF	42	- {	22		
- GEN	х	28) UN2024, WALL PERMANEL POIL 15gal, CC57613-6P, LRCCI	141146 , Caffish No. 11.11.6., 3 2D, 1C5655-24	(8).		DF	44	p (	9991 13	002	
	×	30) UN2924, Weets Flammable L PGII. 15gal, CC57a13-SP, LCCRI	iqui <b>ds, Corrosive,</b> n.e.s., 3 ), IC5655-25	(B),	1	<b>DF</b>	37	<b>P</b>	) 1 CC	002	
	×	31) UN3485, Waste Indine Solutio SP, LCCIRA, IC6086-28	m, 5(5.1); PGIII, Sgel, CC5	7615-		DF	12	•	7002		
	×	32) UN2572, Wests Ammonie So SP. LCCRB. IC5655-28	utiona, 5, PGill, 5gal, CCS	7613-		DF	9	2	2002		
	×	<del>88) UN2672, R.Q. Ylasto Ammoni</del> 66gal, CG57 <b>8</b> 13-6P, LCCR <b>6</b> , IC6	<del>a Solutione, 8, PGM<sub>,</sub>RQ=</del> 0 664-1	202,		DF	144	<b>a</b>	בניניני		_
		94) LiNezi4, ft.G. Wests Garresh		4,		DE	1 1		222		
ŀ	<b>.</b> .	n.a.a & PGII. 55gal, CC57813-Si	- reschev ichalet-s		-	OF	125				
	28) 31)	ERGIF; CC57613-8P ADC- ERGIF; CC57613-8P ADC- ERGIF; CC57613-8P ADC-	28) ERG#; CC578 28) ERG#; CC578 32) ERG#; CC678	13-8P ADC	3:	) ERG#;	CC57613-6 CC57513-6 CC57513-6	SP ADC			_
Ť	33. Tr	ERG#: UG57613-6P ADG	faterials								
TRANSPORTER	Printe	d/Typed Name		Signature					Mod	nth Day	Year
TRANS	_	ansporterAcknowledgment of Receipt of M d/Typed Name	faterials	Signature	<u></u>				Mo	nth Day	Year
ESIGNATED FACILITY	35. D	screpancy		•							
GNATE	36. H	azardous Wasta Report Management Method Code	is (i.e., codes for hazardous waste treat	ment, disposal, and rec	ycling systems)	y H	94D	129	7 4	 HH)	
DES	<u>3</u>	4640 131	4041) 132	H840	)  3	3 H	1040	134		1040	

Ple	se pr	rint or type. (Form designed for use on elite (	12-pitch) typewriter.)							Approved	. OMB No	2050-0039
1	UNH		21. Generator ID Number NND002208627		8	22, Page of 5	23. Man	ifest Tracking Nui 9977 <del>6</del> 0		·		
		Generator's Name Advanced Chemical Trestment	***								-	
	•	3133 Edith Stud NE. Abuguergus, NM 97107.	·						<del></del>			<del></del>
		Transporter Company Name				-		U.S. EPA ID I	<b>Vumber</b>			
	26. 1	Transporter Company Name						U.S. EPA ID I	lumber			
	нм	27b. U.S. DOT Description (including Proper Ship and Packing Group (if any))				28. Conta	Type	29. Total Quantity	30. Unit Wt./Vol.	31.	Waste Code	9 <b>s</b> .
	×	<b>35) UNDETO, WELLS TONG LIQUIDS</b> CC57613-SP, LCCRC, IC5684-4	Organis, n.o.s., 5.1,	, P31, 30ga),		1	DF	90	<b>b</b> "	005 D		122 .
	×	35) UN1992, Wests Flammable L 30gal, CC57813-SP, LCCRD, ICS	iquids Tonic, n.o.s., 864-5	3(6.1), PGII,		1	DF	84	P	218 D		003 991
	X	37) UN2820, Weste Correstie Liq Pail, 30gel, CC57è13-SP, LCCRC	5, IC\$ <del>594-</del> 5			1	DF	74		ם וניני	002	
GENERATOR	Χ.	28) UN3255, N.C. Visele Correll n.o.s., 8. PGH. RO-D902, 30gel, C	C57813-SP. LCCR6	3. IC5584-7			DF.	152		772		
- GEN	×	36) UN1:710, Week, Tridilarindry SP, LGCRC; IC5864-8				1.	DF	137	-	228		
	×	49):UN2924, Waste Histomatica Poli, 15gel, CG\$7613-8P, LCGRE	<b>19068 Corrásiva, II.:</b> 1. ICS534-8	2.6. <del>, 3(5),</del>			DF	27		001 0		
	11) UN2920, Waste Coffasive Liquids, Flemmable, n.o.s., 8(3), X Park, 15gal, CC57613-SP, LCCRC, IC5954-10					1	DF	42	-	991 0	<del>)02</del>	
			·									
		·										
	CC5	ERICHE HO75, U003, U014, U014, U014, U015, U015, U014,	RG#; CC57519-8P	ADC-	36	ERG# C	C57513-	SP ADC-	36)	ERG#; U _39) ER		
	CCS	57813-8P ADC49)E	RG#; CC57513-6P	ADC	41	ERG#; C	C57a13-	BP ADC		-	<u></u>	
뙲		rensporter Acknowledgment of Receipt of Medityped Name	Asterials		Signature					Mo	nth Deg	y Year
TRANSPORTER	24 T	ransporter Acknowledgment of Receipt of N	fotoriala	· · · · · · · · · · · · · · · · · · ·	<u> </u>							1
TA A		ad/Typed Name	TIMO		Signature			,		Mo	nth Day	y Year
DESIGNATED FACILITY	35. D	iscrepancy			1				. •			
NATED	38. H	Azardous Waste Report Management Method Code	es (i.e., codes for hazardous w	raste treatment, dis	nosal, and rec	ycling systems)	ko, n ti	340		مل ن	UN.	
DESK	<u> 73</u> LA	HALLI) IUI	HOUN HOUN	1 <i>51 1</i> 7 1	UIU	1.7 I	0 1	טדע	<u> 12</u>		TU	<del></del>
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Γ			GENERATOR NAME	MANIFEST NUMBER			
		Ad	vanced Chemical Treatment	007760	329 FLE		
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions	
1	CC57613-SP /	D001			NWW	_	
l	CC57613-SP	D003					
<u> </u>		D022					
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions	
2	CC57613-SP/	D001		<u></u>	NWW		
	CC57613-SP	D003					
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions	
a	CC57613-SP /	D004		···	-NWW-		
	CG57613-SP	D003					
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions	
4	CC57613-SP/	D001			NWW		
	CC57613-SP	D003					
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions	
5	CC57613-SP/	D001	·		NWW		
	CC57613-SP	D002					
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions	
6	CC57613-SP / CC57613-SP	D005		<del></del>	NWW		
	000/013-3P	D008					
		D011				,	
		D022		•			
		D026					
		U044		,			
		U052					
		U080		,			
		U144	:		,		
		U188					
		U201					

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
7	CC57613-SP / CC57613-SP	D001 D022	·		NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	or WW	Special Conditions
8	CC57613-SP / CC57613-SP	D001 D035	·		NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
9	CC57613-SP / CC57613-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	or WW	Special Conditions
10	CC57613-SP / CC57613-SP	D001 D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
11	CC57613-SP / CC57613-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
12	CC57613-SP / CC57613-SP	D001 D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHCS	NWW or WW	Special Conditions
13	CC57613-SP / CC57613-SP	D001 U003 U007			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
14	CC57613-SP / CC57613-SP	NONE			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
15	CC57613-SP / CC57613-SP	D002			NWW	

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
16	CC57613-SP/	D001			NWW	
	CC57613-SP	D035				
		F003				
		U002				
		U057				
		U154				

Line	TSD Approval#	Waste Code(8)	Subcategory	UHC'8	NWW Special or WW Conditions
17	CC57613-SP/	D001			NWW
	CC57613-SP	F003			

Line	TSD Approval#	Waste Code(s)	Subcategory	uhc's	www or ww	Special Conditions
18	CC57613-SP/	D006			NWW	
	CC57613-SP	D008				
		D010				
		U150				
		U188				

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'8	NWW Special or WW Conditions
19	CC57613-SP/	D001			NWW
	CC57613-SP	F003			
		U154			
		U220			
		U236			

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
20	CC57613-SP /	D005			NWW
	CC57613-SP	D010			
	•	D022			* *
	•	U044			

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	or WW	Special Conditions
21	CC57613-SP / CC57613-SP	D001			NWW	
	000/013-3F	D002				
		D007				
		F003	•			
		U056				
		U080				
		U154				
		U188		Maria de la companya della companya		
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
22	CC57613-SP / CC57613-SP	D002			NWW	
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
23	CC57613-SP/	D001			NWW	
	CC57613-SP	D002		<u> </u>		
Line	TSD Approval#	Waste Code(s)	Subcategory	UHCS	NWW or WW	Special Conditions
24	CC57613-SP /	D005			NWW	
	CC57613-SP	D008			1	
		D027				
		U070				
		U080				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	or WW	Special Conditions
25	CC57613-SP / CC57613-SP	D001			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
26	CC57613-SP / CC57613-SP	D002 *			NWW	
Line	TSD Approval #	Waste Code(s)	Subcategory	UHCS	NWW or WW	Special Conditions
27	CC57613-SP / CC57613-SP	D002			NWW	
.ine	TSD Approval#	Waste Code(s)	Subcategory	UHCS	NWW or WW	Special Conditions
28	CC57613-SP / CC57613-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	or WW	Special Conditions
29	CC57613-SP/	D001			NWW	
	CC57613-SP	D002				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
30	CC57613-SP/	D001			NWW	
<b>.</b>	CC57613-SP	D002			<u>-</u>	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
31	CC57613-SP / CC57613-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
32	CC57613-SP / CC57613-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
33	CC57613-SP / CC57613-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
34	CC57613-SP / CC57613-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
35	CC57613-SP/	D005			NWW	
	CC57613-SP	D007				
		D022				
		D037				
		F027				
		P048				
		P075			•	
		U007				
		U010				
		U012		•		
		U044				
		U058				
		U081			•	
		U101				
		U165				
		U170				
		U188	•	•		
		U328				

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
36	CC57613-SP/	D001		,	NWW
1	CC57613-SP	D018			
		D038			
1		F003			
ļ	,	U122			
		U154			
		U196			

Line	TSD Approval #	Waste Code(s)	Subcategory	UHCS	NWW Special or WW Conditions
37	CC57613-SP/	D001			NWW
1	CC57613-SP	D002			

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
38	CC57613-SP / CC57613-SP	D002			NWW

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S ,	NWW Special: or WW Conditions
39	CC57613-SP / CC57613-SP	U228			NWW

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
40	CC57613-SP/	D001			NWW
ŀ	CC57613-SP	D002			

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
41	CC57613-SP/	D001		<u> </u>	NWW
	CC57613-SP	D002	••		·

#### SPECIAL CONDITIONS:

- A. Waste Requiring No Further Treatment
- B. Lab Pack Waste Qualifying for Atternative Treatment und 40 CFR 268.40
- C. Hazardous Waste Debris subject to standard treatment requirements, 40 CFR 268.40
- D. Hazardous Waste Debris subject to alternative standards in 40 CFR 268 (list contaminants)
- E. Waste Qualifying for Examption and not subject to Land Disposal Restriction (Explain)
- F. Characteristic waste that are subject to the treatment standards in 268.40 (other than those expressed as a required method of treatment) that are reasonably expected to contain underlying hazardous constituents as defined in 268.2(i); are treated on-site to remove hazardous characteristic; and are sent off-site for treatment underlying hazardous constituents (list constituents)
- G. Characteristic wastes that contain underlying hazardous constituents as defined 268.2(I) that are treated on-site to remove the hazardous characteristic and the underlying hazardous constituents to levels in 268.48 Universal Treatment Standards.
- H. For Chemical Manufacturers, Petroleum Refineries, Coke By-Product Facilities and RCRATSDF handling wastes subject to 40 CFR 61 subpart FF ONLY. This waste is "Controlled Benzene Waste" which is subject to the notification requirements of 40 CFR subpart FF.
- I. Certification for contaminated soil indicating the presence or absence of characteristic and / or listed hazardous wastes.
- J. Certification for contaminated soil treated in accordance with 40 CFR 268.49

Waste analysis is attached where available; otherwise the information contained herin is based upon my thorough knowledge of the waste(s).

I hereby certify that I believe that the information I have submitted is true, accurate and complete.

SIGNATURE	TITLE	10 /10/2017
41100	Chemital	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7

#### WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION A

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR part 268 subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). It believe that the information I have submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

#### WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION B

I certify under penalty of law that I personally have examined and am familiar with the waste and that lab pack contains only wastes which have not been excluded under appendix to to 40 CFR 268. I am aware that there are significant penalties for submitting a false certification, including fine and imprisonment.

#### WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION F

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 286.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION G

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 286.40 to remove the hazardous characteristic, and that the underlying hazardous constituents, as defined in 268.2 have been treated on site to the 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

#### WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION !

certify under penalty of law that I personally have examined this contaminated soil and it [DOES/DOES NOT] contain listed hazardous waste and [DOES/DOES NOT] exhibit a characteristic of hazardous waste and requires treatment to meet the soil treatment standards as provided by 268.49(c). WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION J

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

Drum:	61949580	Inventory Mgt #:	C000002825	Customer Drum #:	E
Manifest Company: R	(P	SO Branch: CZ Sales Order	#: <u>1705655594-001</u>	Load #:	1711117
Manifest Number: 0	07760348FLE	Manifest Line:	8	Lot #: 3	23763811
Manifest Status: P	rR	Manifest Page:	1	Shipment Type: I	DRUM
Profile: L	CCRC	UN / NA:	UN2810	Final Code Date: :	L1/15/2017 8:31:51 AM
Pre Waste Class: L	CCRC	Testing Waste Class:	LCCRC	Processing Waste Class: I	_CCRC
Date Received: 1	1/14/2017 9:57:04 AM	Restrictions:	N	Billing Waste Class: I	_CCRC
Container Size: 1	5	Container Type:	DF	Processing Status: 1	/ES
Original Quantity: 4	0	Current Quantity:	0	Quantity UOM: I	.BS
Drum Weight: 4	0	Weight UOM:	LBS	Tare Weight: 1	,
PCB Type:		Out of Service:		Serial #:	
Generator Company: A	D2011	Generator Date:	11/13/2017	Generator EPA #: I	MD002208627
Area:		Location:	KP	Initial Tracking Date: :	L1/14/2017 9:57:04 AM
Processing Type: N	lix Special			•	
Customer Batch #					
Off-spec Reason:		Comments:	LW LP NO RS	MFG SKU:	
Waste Numbers:					
P042;U188		**			
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5. G	e 133 Edith Bh Albuquerque Bo	d M2 NA 67107 5-349-6220				Sito Address (i	different t	nei mailing addin	DEBO)		·	
Gene B. Tir	eretor's Phone:	Imical Transpo	st Inc. (6V)					U.S. EPA ID	Number	C	N-0000	70£
7. TH	emporter 2 Company Name		·	<del></del>				U.S. EPAID	Number			
8.00	2247 South H	distribution of the state of th	i Surdeus, inc. (K	P)	. <u></u>	<del></del>		U.S. EPA ID	Number	NE	ED98172	 235
Facili	Kilondoelli, Niii 40 308-22 ky's Phone:	35-4012										
Sa. HM	9b. U.S. DOT Description and Packing Group (if any	r/i)	ping Name, Hazard Class, ID N	•	F	10. Containe	rs Type	11. Total Cauntity	12. Unit Wt.Mal.	1:	3. Waste Co	des
×	RQ=D081.	t Q: Waste Ph , 55gal, CCSM	<b>manufale figures,</b> 181-SP, LCCRD, D	164301-3			DF	190	P	#	9001	T.
	2 tilvises, 20	t <del>.Q. Wanse Pt</del> , 55gal, CCSsc	madda Nadda, 1 181-SP, LCCKD, D	<del>LULE, 3, PGE,</del> )164301-4	+	<del>`</del>		119	P	#	4001	10
		_	able Stalids, Organ		DC3	1	ur j	(1/	-		1001	Ţ
×	Sgol, CC35	1001-SP, LCC	RD, IC5668-4		ŀ		OF	7	P	7		+
×	4.1(6.1), PC	Cil, Sgal, CCS	able Sulide, Teste 1981-SP, LRCTD, 1	icsess-s	A.K.,	1	OF !	7	P	*	2006	100
14.8	pecial Handling Instructions of 1) CC50001-6F			Project Namica	_	550 (1906) 530 (1906)	K SAZ			·	<u> </u>	1_
	Z) CCSede1-eF	, VDC	<del></del>		•	58001-Si	-		 			~~ ·
	marked and tebeled/place/de	ed, and are in all respect	hereby declare that the contarts is in proper condition for transp and conform to the terms of the a	ort according to applicate	obsmetni eld	nel and netion	al governm -	ental regulations.	ipping name . If export sh	i, and are d ipment and	issuled, peo I I am the Pri	mary
	contily that the weets minimal retor of Ottomor's Printed Types	ization stalament löögiti id Name	led in 40 CFR 282 27(a) (IF I an	n a large quantity general Signal	my or this	X			J	Z,	1/ 1 /6	<u>,</u> 91
General 18. Inte	carely that the wester minimizator's College's Principle (Special Shipments	tration statement & Guitte de Nation   Company & Guitte de Nation   Company & Company	led in 40 CFR 282.27(a) (11 I an	n a large quantity genera	tire (SA)	Ped of ortify	out _		1		//   /C	<u>,</u>
General 16. Inte Transp 17. Tra	corely that the weste column secure/Ollow's Prince/Pripo terretional Shiprifents sporter signature (for exports emporter Admostodyment of	ization statumery 400gth id Name S Import to U.S. only): If Receipt of Materiale	led in 40 CFR 282.27(a) (11 I an	n a large quantity general Signal Sig	tire (SA)	×	out _		1,		(/   /C	, 9 
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25.	Transporter Company Name					U.S. EPAID	<b>Vumber</b>			
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×	5) UN1389, Wheth Buller, 4.1, I 105988-8	'dii, 5gai, OC50001-6P, L	ogrð,	1	DF	14	P	D001		
	4) UN3250, Whate Correction 5 PGII, Spei, CC58081-6P, L.CCR	olide, Acidio, Inorganio, n.o. IA ICESSE-12	s., t.	-	DF	9	0.	NOME		
×	7) UN2817, R.Q. Wests Antimor solutions, 8(6.1); PGB, RQ-DGC RC5579-1		ICRA,	1	DF	100	P	D003		
×	6) UN2819. Whate Tools Liquid	s, Organic, n.e.s., 6.1, PGII, S	15gal,		OF	40	p.	PG42	Utee	
×	8) UN\$284, Masta Corrector LI PGE, 15gai, CC\$6001-8P, LCC	quide, Acidio, Inorganio, n.e RA, IC5873-4	Ma., S.	(	۵F	62	P	D002		
×	10) UN1852, Whote Florimatic 15gal, COSSON-SP, LCCRO, k	Liquids, Toxis, n.o.s., 3(8. 08673-8	1), PGII,		D#	42	Þ	D035 U079	U125	2021
×	11) UNISASS, Weste Judine Bold SP, LCORA, ICES73-8	e se a laval a la la la la la la la la la la la la	258281-	1.	OF	18	P	D002		
×	12) UN3285, Weste Conside I PGI, Spai, GC58881-8P, LCCR	iquide, Addic, Organic. n.e C, IC5673-7	J.S., &,	1	OF	18	<b>p</b> `	D002		
×	13) UN1325, R.C. Whete Florar POR, RG=0001, SEgal, CCS801	nable Solide, Organic, n.e.s 12-6P. LCGRD, ICS884-3	h., 4.1,	1	DF	135	P	D001	U185	
1.1	14) UN2018, Tota Liquida, Cirg Colones-AP, Locke, Icana	snie, n.o.s., 5.1, Pall, 55ge 4			DF	203	P	NONE		
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×	15) UN2810, Whate Total Liqu CCS8962-BP, LCCRC, ICS894		66gmi,	(	DF	134	₽.	0000	D011	00
" ×	16) UN2010, Wasto Toole Liqu CC68982-6P, LCCRC, IC5894	ido, Organio, n.p.a., 6.1, PGII, ! -7	55gal,		DF	187	P	D004 U044	D022	DO
<b>, , ,</b>	17) UN\$264, R.O. Where Corre n.o.s., 8; POS, RO-DOS2, SOpe	veive Liquide, Asidia, Inorgania I, OCSSCRZ-SP, LCCRA, ICSS	), 94-8		Dis	101	P	D003		
х	16) UN1382, R.Q. Wheth Flain PBI; RQ=0001, 30gel, CC560	meble Liquids, Table, n.o.s., 3 82-8P, LCCRD, IC5804-0	(8.1).	1	OF .	106	P	Foos	U154	Do
×	14) UNIXIZA, Weste Flavement PGI, 30gal, CC5604Z-6P, LCC	u Liquide, Corruehe, n.o.s., 3( IRD, 805884-12	[a).		DF	85	Ρ	0001	D002	
×	20) UN2820, Weste Corosive I PGII, 28gal, GC58082-aP, LCC	Uquide, Rammable, n.e.s., 8( IRG, IC\$884-14	3).	. [	OF	52	P	D001	D002	
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			GENERATOR NAME	MANIFEST NUMBER				
		Ad	venced Chemical Treatment	00776	0348 FLE			
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions			
1	CC58081-SP / CC58081-SP	F003			NWW			
Line	T8D Approval #	Waste Code(e)	Subcategory	UHC'S	NWW Special or WW Conditions			
2	CC58081-8P / CC58081-8P	D001 F003			NWW			
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions			
3	CC58081-SP / CC58081-SP	D001			NWW			
Line	TSD Approval #	Waste Code(s)	Subcategory	UICS	NAW Special or WW Conditions			
4	CC58081-SP / CC58081-SP	D001 D006			NWW			
Line	TSO Approval #	Waste Code(s)	Subsetegary	UHC'S	NWW Special or WW Conditions			
5	CC58081-SP / CC58081-SP	D001			NWW			
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions			
6	CC58081-SP/ CC56081-SP	NONE			NWW			
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions			
7	CC58081-SP/ CC58081-SP	D002			NWW			
Line	TSD Approval #	Waste Code(s)	Subcategory	uncs	NWW Special or WW Conditions			
8	CC58081-SP / CC58081-SP	P042 U188			NWW			
ine	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions			
9	CC58081-SP / CC58081-SP	D002			NWW			

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
10	CC58081-8P/	D001			NWW
	CC58081-SP	D035		•	
		U079			
		U125			·· <del>····</del>
Line	TSD Approval #	Waste Code(s)	Subcategory	uncs	NWW Special or WW Conditions
11	CC58081-8P / CC58081-8P	D002			NWW .
Line	TBD Approval#	Waste Code(s)	Subcategory	ulcs	NWW Special or WW Conditions
12	CC58081-SP / CC58081-SP	D002			NWW
Line	TSD Approvel #	Waste Code(a)	Subcategory	LHCS	NWW Special or WW Conditions
13	CC58082-8P/	D001			NWW
-	CC58082-SP	U165			
Line	TSD Approval #	Waste Code(s)	Subcatagory	UHCS	NWW Special or WW Conditions
14	CC58082-SP / CC58082-SP	NONE			NWW
Une	TSD Approvel #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
15	CC58082-SP /	D008			NWW
	CC56082-SP	D011			
		D025		·	
Line	TSD Approvel#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
16	CC58082-SP/	D004			·NWW
	CC58082-8P	D022	•		
		D040			
		U044			
line	TSD Approval #	Wasts Code(s)	Subcategory	uics	NWW Special or WW Conditions
17	CC58082-SP/ CC58082-SP	D002			. NWW

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
18	CC58082-SP /	D001			NWW
]	CC58082-SP	F003			
ĺ		U1 <b>5</b> 4			

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NNW Special or WW Conditions
19	CC58082-SP/	D001			NWW
l	CC58062-8P	D002			

Line	TBD Approval#	Weste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
20	CC58082-SP /	D001			NWW
	CC58082-SP	D002			

#### SPECIAL CONDITIONS:

- A. Waste Regulring No Further Treatment
- B. Lab Pack Waste Qualifying for Atemative Treatment und 40 CFR 268,40
- C. Hazerdous Waste Debris subject to standard treatment requirements, 40 CFR 268.40
- D. Hazardous Weste Debris subject to atternative standards in 40 CFR 268 (list contaminants)
- E. Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
- F. Characteristic waste that are subject to the treatment standards in 268.40 (other than those expressed as a required method of treatment) that are reasonably expected to contain underlying hazardous constituents as defined in 268.2(i); are treated on-site to remove hezardous characteristic; and are sent off-site for treatment underlying hazardous constituents (list constituents)
- Q. Characteristic wastes that contain underlying hazardous constituents as defined 268.2(i) that are treated on-site to remove the hazardous characteristic and the underlying hazardous constituents to levels in 268.48 Universal Treatment Standards.
- H. For Chemical Manufacturers, Petroleum Rafinerias, Coke By-Product Facilities and RCRATSDF handling wastes subject to 40 CFR 61 aubpart FF ONLY. This waste is "Controlled Benzene Waste" which is subject to the notification requirements of 40 CFR subpart FF.
- L. Certification for contaminated soil indicating the presence or absence of characteristic and / or listed hazardous westes.
- J. Certification for conteminated soil treated in accordance with 40 CFR 268.49

Wasta analysis is attached where available; otherwise the information contained herin is based upon my thorough knowledge of the wasta(s).

I hereby certify that I believe that the information I have submitted is true, accurate and complete.

TITLE	DATE
Chemist	(0/30/17
	(
,	
	61.56

#### WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION A

I certify under panalty of law that I personally have examined and arm familiar with the wasts through analysis and testing or through knowledge of the wasts to support this certification that the wasts complies with the treatment standards specified in 40 CFR part 265 subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I have submitted is true, accurate and complete. I am swere that there are significant penalties for submitting a false cartification, including the possibility of fine and imprisonment.

#### WASTE STREAMS IDENTIFIED BY RPECIAL CONDITION B

I certify under penalty of law that I personally have examined and am familiar with the waste and that leb pack contains only wastes which have not been excluded under appendix iv to 40 CFR 268. I am aware that there are significant penalties for submitting a false certification, including fine and imprisonment.

#### WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION F

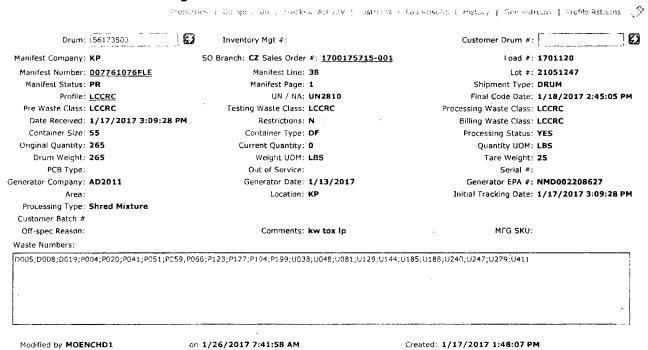
I cartify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 286.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment. WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION G

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 286.40 to remove the hazardous characteristic, and that the underlying hazardous constituents, as defined in 288.2 have been treated on alte to the 268.46 Universal Treatment Standards. I am aware that there are significant penalties for submitting a tales certification, including the possibility of time and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION I

I certifyunder penalty of law that I personally have examined this contaminated soil and it [DOES/DOES NOT] contain listed hazardous waste and [DOES/DOES NOT] subtibit a characteristic of hazardous waste and requires treatment to meet the soil treatment standards as provided by 268.49(c). WASTE STREAMS (DENTIFIED BY SPECIAL CONDITION J.

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated property so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible ditution of the prohibited wastes. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.



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Н	Gener	rator's Phone:			_	l							
Н	6. Trau	nsporter 1 Company Nam Advanced Ci	emical Tra	nsport Inc. (SV)	)				U.S. ESAIR	00007	0540		1
П	7. Trai	nsporter 2 Company Nam	16						U.S. EPA ID I	Number			
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Н	15. G	ENERATOR'S/OFFERD	R'S CERTIFICATIO	N: I hereby declare that the espects in proper condition	e contents of this co	nsignment are fully	and accurately	described abov	e by the propertsh	ipping name	, and are clas	salfled, pack	aged,
П	E	exporter, I certify that the o	contents of this cons	ignment conform to the ten identified in 40 CFR 262.27	ns of the attached E	PA Acknowledgme	nt of Consent.	-			<b>.</b>		
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2		's Phone: gnature of Alternate Facili	tv (or Generator)								Mo	nth Dar	y Year
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ā	1.	H141		<sup>2</sup>	Ø	13.	H04	0	[4.	Ho	40		
			Operator: Certificat	ion of receipt of hazardous	materials covered b	y the manifest exc	epl as noted in it	em 18a	. <del></del>				
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27a. 27b. U.S. DOT Description (including Proper Sh HM and Packing Group (if any))	oping Name, Hazard Class, (D Number,		28. Conta	iners Type	29. Total Quantity	30. Unit Wt./Vol.	31.	. Waste Co	des
5) UN2824, R.C. WASTE FLAMA	ADIE I WITH PAGDAGAE			1,700	<b>—</b>	1		1	1
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X PGII. LCCRC, CC54333-6P, IC4		` <b>'</b> '	- 1 .	DF	157	P	D311	7000	
x PGII, LCCRC, CC54333-SP, IC4  3) UN2810, R.Q. WASTE TOBC	· · · · · · · · · · · · · · · · · ·				100			<u> </u>	
8) UN2810, R.O. WASTE TORC		.1,	ŧ	l	100	<u> </u>	U956	1	
Y   PGII, LCCRC, CC54333-8P, C4	\$20-2	- 1	- ( .	DF	170	P			
10) UN2811, TONC SOLIDS, OF	CANC NO S 4 DOM			+	<del></del>	├	NONE	┼─	-
LCCRC. CC54333-6P. IC4623-		•	- 1	DF	700	P	NONE.		
			'		190	ľ	1		
11) UN2811, Table squibs, of	IGANIC N.O.S., a.1. Polit.		1	<u> </u>		_	NONE		
LCCRC. CC54333-SP, IC4823-			- 1	DF	300			<del> </del>	
				1	200	<u> </u>			
12) UN2910, WASTE TONIC LIQ		·GII,	J	DE	111	P	D004	<b>D008</b>	<b>D</b> 011
X LCCRC, CC54333-6P, IC4623-	5		1	•	1170	-	D219	U204	+
19) UN2611, WASTE TOXIC SOL	DS. ORGANIC N.O.S. 6.1 P	Gili	<del>- </del>	-	11.	}	0007	8008	022
X LCCRC. CC54333-SP, IC4823-		_,	- 1	DF	1/4	P		1	D322
		Ī	,	}	ן ישו		U344***	UTBB	
14) UN2811, WASTE TOXIC SOL		GH,					0996	P113	
X LCCRC. CC54333-SP, 1C4823-		ļ	- 1	DF	133	P			
22 Cascial Handles Indicates and Additional Info	1944			<u> </u>	L'''_		L	<u> </u>	
32 Special Handling Instructions and Additional Inform  5) ERGH; CC54333-SP ADC-	6) ERG#; D007,F003 ( P ADC	C54333-SP	ADC	7	) ERG#; CO	54333	-SP ADC	<b>}-</b>	
5) ERG#; CC54333-8	P ADC	CC54333-1	SP ADC-		19) ERG#; 13) ERG	CC54	33-8P /	NDC-	
14) ERG#: GG543334	SP ADC		JOH MUU-		13) ERG	w; CC6	#3357°E	r muc.	
33. Transporter Acknowledgment of Receipt of	Materials								
Printed/Typed Name		Signature	-				M	onth D	ay Yea
Printed/Typed Name  34, Transporter Acknowledgment of Receipt of						~		L_	
	Materials	Signature					- M	onth D	ay Year
Printed/Typed Name							1	I	-, 
35. Discrepancy									
25.11									
36 Hazardous Waste Report Menagement Method Coo	les (i.e., codes for hazardous waste treatment	t, gisposal, and red	cycling systems)	<i>j_</i>	MIN		1-1-	<u> </u>	
T LSAU	1040	t 1040	<u> </u>	·	יטעט		ı K	<u> 740</u>	1
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Form 8700-22A (Rev. 3-05) Previous editions an	e chsolete	·	DESI	GNATED	FACILITY TO I	ESTINA	TION ST	ATE (JE E	FOURF

	int or type. (Form designed for use on elite (			1 55 6-		I so Manua	est Tracking Num		n Approve	d. OMB N	o. 2050-0
UNIF	FORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number		22. Pa		23. Maiiii	-		<b>c</b>		
24. G	Senerator's Name	NND002208627		<u>B of</u>	•	<u> </u>	סוונני	<u>1076 FL</u>	<u>.E</u>		
	Advanced Chemical Treatment 3133 Edith Bird NE										
25. 1	Albuquerque, NM 97107 Transporter Company Name		<del></del>				U.S. EPA ID N	lumber			_
26. 1	Fransporter Company Name	<del></del>		•	_		U.S. EPA ID N	lumber			_
27a. HM	27b. U.S. DOT Description (including Proper Shi and Packing Group (if any))	pping Name, Hazard Class, ID Nu	umber,	28	. Contain	етв Туре	29. Total Quantity	30. Unit WI./Vol.	31.	. Waste Co	des
J	15) UN2811, WASTE TOXIC LIQ LCCRC, CC54333-SP, IC4623-	UIDS, ORGANIC, N.O.	8., 5.1, P38,		,	DF	197	Р	nose	0007	0922
Ĺ							- 17	<u> </u>	U944	<u> </u>	
	15) NON-DOT HAZARDOUS, NO MATERIALS, LCCRN, CC54333			1		DF	169	P	NONE		-
×	17) UN2810, WASTE TORC LIQ LCCRC, CC54333-SP, IC4823-I	UIDS, ORGANIC, N.O.	6., 6.1, PGII,			DF	243	P	D927	-	
	18) UN2810, TONG LIQUIDS. O LCCRC. CC54333-SP. IC4823-	RGANIC, N.O.S., 5.1, F	PĠII,			DF	173	P	NONE		1
$oxed{oxed}$		111111111111111111111111111111111111111					11/	Ŀ	<u> </u>	<del> </del>	$\bot$
×	18) UN2810, WASTE TOXIC LICE LCCRC: CC54338-6P, IC4828-1	uids, Organic, N.O.:  Q	3., 8.1, PG#,	1		DF	193	P	0008	0022	U944
×	20) UN3284, R.Q. VINSTE CORF INORGANIC, N.O.B., 8, PGII, RQ IC4824-1					DF	133	P	D002	-	+
×	21) UN3254, R.Q. VMETE CORF BIORGANIC, N.O.S., 8, PGII, RQ IC4524-2			1	1	DF	157	þ	Door		-
×	22) UN3284, R.O. WASTE CORF INORGANIC, N.O.S., 8, PGII, RO					DF	701	P	D002		-
×	IC4524-3 29) UN8264, R.Q. WASTE CORF INGRIGANIC, N.O.S., 4, POH, RO			1		DF	737	P	Doo2		
	IC4524-4						11				
×	24) UN3264, R.C. VANSTÉ CORF INGRGANIC. N.C.S., A. PGII, RO IC4524-5	RUBIVE CICUIDS, ACIE RUBIO2, LCCRA, CC44	)KG,  333-RP,	1		DF	148	P	D005	-	+
¥8	prejet danding lestructions and Additional Informa	16) ERG#: C	C54333-SP A	NDC+	<u> </u>	7) FRG#	CC54333	CP AD	<u> </u>	1	
18)	PERCHAPTINE CSTUSSES SELFATIONS Informs ERGH; CC54333-EP ADC-	18) ERG#, C	C54333-8P A	DC		ERG#	CC54333	SP AD	ċ		
21)	ERG#; CC54333-6P ADC ERG#; CC54333-6P ADC	22) ERG#; C	C54333-8P A	DC	2	s) ERG#	CC54333	-BIP AD(	C		
	ansporter Acknowledgment of Receipt of	Materials	Š	ignature					и	onth D	ay Y
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	ransporter Acknowledgment of Receipt of ed/Typed Name	Materials	- 5	ignature					<u></u>	onth D	ay Y
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35. Di	screpancy						1				
38. H	azardous Waste Report Management Method Cod	es,(l.e., codes for hazardous was	ste treatment, dispos	al, and recycling sys	stems)	H	240	1	1-10	X40	
	11-110	Halle		- 4 4		Ľ	A// A		). i	<u> </u>	
<u> </u>	8700-22A (Rev. 3-05) Previous editions are	LICHO		X10		7.3	ACILITY TO E	<u></u>	<u> </u>	<u>OAK</u>	) REQUIF

Continuation Shart	1		LOWIS LATINDOOD SINGLE INVASIL FOL	21. Generator ID Number NINDO02208827		22. Page 4 of 5	23. Mani	est Tracking Nur 22778	nber 1076 Fl	E		
Abuquarque, Nat 87107   25. Transporter	Ш	24. G	Continuation Sheet)	<del></del>						<del>-</del>		
25   Transporter	Ш									_		
27.   Tongotte:	Ш	25. 1	Transporter Company Name					U,S. EPA ID N	Number			
10		26. 1	Transporter Company Name	······································	· · · · · ·			U.S. EPA ID N	Vumber			
X   S6.1), PGBI, RO-D001, LCCRD, CC54333-SP, IC4624-6   DF   172	[]		and Packing Group (if any))							31.	Waste Cod	es
X   LCCRC, CC54333-SP, IC4428-1		· x	3(6.1), PGII, RO-D001, LCCRD,	WHILE LIQUIDS, TOXIC CC54333-SP, IC4624-6	, N.O.S.,	1	DF -	112	P			<del></del>
X   27) UN2816, WASTE TONC SOLID, CRGANIC, N.O.S., 6.1, PGII.   DF   U9 P   U188 U061			26) UN2811, WASTE TOXIC SOL LCCRC CC54333-59 IC4828-1	IDS, ORGANIC, N.O.S.,	6.1, PGII,	<del>  '</del>	DF	100	P		0003	BICO
X   LGCRC, CGS4333-SP, IC4282-2   DF   LYP   D991   D002			10010;00010000;101020-1			ι		138	<u> </u>			
X   N.O.S., 8(3), PGIL, RQ-D002, LCCRA, CC54333-SP, IC4828-3   DF   177   P   D992		x	27) UN2819, WASTE TOXIC SQL LCCRC, CC54333-SP, IC4828-2	ID, ORGANIC, N.O.S., 6	i.1, PGIL	1	OF	149	P	U188	W081	-
C45284	ATOR -	X	28) UN2820, R.Q. VANSTE CORR N.O.S., 8(3), PGR, RQ-0002, LCC	IOSIVE LIQUIDS, FLAM CRA, CC54333-SP, IC4	MABLE. 528-3		<b>OF</b>	177	P	Doot	0002	
X   LGCRC, GC54333-SP, H632-1	- GENER	x	INORGANIC, N.O.S., 8, PGIL, RO-			1	DF	132	P	D222		
X   SULTION WITH AT LEAST 20% BUT NOT MORE THAN 40%   NYOROGEN PERCHIDE. 3.1(5), PGII, RG=D601, D292, LGCRO. C   S2) UN1892, R.Q. VARTE FLAMMBLE LIGHOS, TONC, N.O.S., 3(6.1), PGII, LCCRD, CC54333-SP, H832-3   DF   1992 U1003 D291 U184   U		×	30) UN2810, WASTE TOXIC LIQU LCCRC, CC54333-SP, H632-1	JIDS, ORGANIC, N.O.S.	, 6.1, PGII,	1	DF	244	P	D922	VCB0	1944
32] UN1882, R.Q. WASTE FLAMMSLE LIQUIDS, TOXIC, N.D.S.,   DF   199   U192 U193 D991 U194   U194   U194   U195		×	SOLUTION WITH AT LEAST 20%	BUT NOT MORE THAN	40%	<u> </u>	DF.	208	P	וככים	0002	
34) UN1525, R.G. WASTE PLANAMBLE BOLID, ORGANIU, N.O.B.,   DF		×	32) UN1802, R.O. WASTE FLAM	WABLE LIQUIDS, TOMO,		1	DF	199			V003	D221
# 4.1. PGR. RO-D001. LCCRD. CC64332-8P. IC4867-1  #GFROW: Uschassis-Brade		×	30) UN2739, WASTE MANES, FL 3(A), POIL, LCCRA, CC54333-8P	MAMBLE, CORROSM , M892-4	E, N.O.S.,		DF	94	P	ומלם	0002	
28) ERGif; CC54333-SP ADC- 29) ERGif; CC54333-SP ADC- 30) ERGif; CC54333-SP ADC- 31) ERGif; CC54333-SP ADC- 32) ERGif; CC54333-SP ADC- 33) ERGif; CC54333-SP ADC- 33) ERGif; CC54333-SP ADC- 34) ERCiff; CC54333-SP ADC- 34) ERCiff; CC54333-SP ADC- 35 Ignature					C, N.U.B.,	<del>  '</del>	DF	140	P	D221	F001	F003
28) ERG#; CC54333-SP ADC- 29) ERG#; CC54333-SP ADC- 30) ERG#; CC54333-SP ADC- 31) ERG#; CC54333-SP ADC- 32) ERG#; CC54333-SP ADC- 32) ERG#; CC54333-SP ADC- 33) ERG#; CC54333-SP ADC- 34) ERG#; CC54333-SP ADC- 32) ERG#; CC54333-SP ADC- 33) ERG#; CC54333-SP ADC- 34) ERG#; CC54333-SP ADC- 32) ERG#; CC54333-SP ADC- 33) ERG#; CC54333-SP ADC- 34) ERG#; CC54333-SP ADC- 32) ERG#; CC54333-SP ADC- 32) ERG#; CC54333-SP ADC- 32) ERG#; CC54333-SP ADC- 32) ERG#; CC54333-SP ADC- 32) ERG#; CC54333-SP ADC- 32) ERG#; CC54333-SP ADC- 32) ERG#; CC54333-SP ADC- 32) ERG#; CC54333-SP ADC- 33) ERG#; CC54333-SP ADC- 32) ERG#; CC54333-	Ш	3043	contribited in a legiture and debitions informa-	tion 2015DOM	CCC4950 CD 4	1	>21	COT: COE	4333.0	2 400	<u> </u>	1
34) ERCM: C054333-6P ADG-  33. Transporter Acknowledgment of Receipt of Materials  Printed/Typed Name  34. Transporter Acknowledgment of Receipt of Materials  Signature  Month Day Year  35. Discrepancy  35. Discrepancy			28) ERG#; CC54333-6	PADC- 29	ERG#: CC543	33-6F ADC		30) ERG	#; CCS	14333-8	PADC- PADC-	
Printed/Typed Name Signature Month Day Year  34. Transporter Adknowledgment of Receipt of Materials Printed/Typed Name Signature Month Day Year  15. Discrepancy	¥	_	34) ERG#: CO54338-6	P ADG				,	-			
Printed/Typed Name Signature Month Day Year  1 35 Discrepancy	ORTER			<b>Materials</b>	Signature	•	<del></del>				onth Da	y Year
25 Discrepancy				Aaterials	Signature					м	onth Da	y Year
35. Uscrepancy  36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and poycling systems)  37. Uscrepancy  38. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and poycling systems)	T.				·							
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)	D FACILITY	35. Di	iscrepancy									
971	GNATE	36. H	azardous Waste Report Management Method Code	es (i.e., codes for hazardous waste	treatment, disposal, and d	recycling systeme)	H	040		H	040	
PA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.  HO40   Ho4	Ш		HOAD	H141 1	HOY	0			LESTINA	J-	DYK	)

ase p	rint or type. (Form designed for use on elite IFORM HAZARDOUS WASTE MANIFEST	(12-pitch) typewriter.)  I 21. Generator ID Number	<del></del>	22. Page	23. Mar	lifest Tracking Nun		Approved	J. OMB NO	J. 2050-00.
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24. (	Generator's Name	I MARANGER	<del></del>	<u> </u>		33110				
	Advanced Chemical Treatment 3193 Edith Blvd NE									
25	Abuquarque, NA 67107 Transporter Company Name					U.S. EPA ID N	lumber			
26.	Transporter Company Name			<u></u>	<u> </u>	U.S. EPAID N	lumber			
	27b. U.S. DOT Description (Including Proper Shi and Packing Group (if any))	ipping Name, Hazard Class, ID Nur	nber,	28. Conta	iners Type	29. Total Quantity	30. Unit Wt./Vol.	31.	Waste Cod	ies
×	35) UN1993, R.O. WASTE FLAM RO-D001, LCCRD, CC54333-6	MABLE LIQUIDS, N.O.6 IP, IC4657-2	., 3, PG#,	l	DF	100	P	NJOS	0001	L 154
×	36) UN3086, R.Q. VASTE OXID N.O.S., 5.1(8), PQH, RQ=D001, I IC4557-3			1	DF	197	P	D911	0001	D992
×	37) UN2811, WASTE TOOC SU LCCRC, CC54333-SP, IC4857-		8.1, PGII,	1	DF	110	P	D004	D008	
×	38) UN2819, WASTE TOXIC 600 LCCRC. CCS4333-SP, IC4857-		5.1 <b>, P</b> GII,	1	DF	134	þ	D225 P094	0008 P029	D218 F041
×	38) UN2733, R.Q. VIASTE AMIN N.Q.S., 3(9), PGII, RQ=D001, D0 IC4557-7			(	DF	125	P	D001	0062	
×	40) UN3284, R.Q. VINSTE CORI INDROANIC, N.O.S., 8, PGII, RO IC4367-8			1	DF	130	P	D002	0007	
	41) Non-DOT Hazardous, Non-F LCCRN. CC63821-8P, 113892-		al, Liquid,	1	DF	241	P	NONE	-	
	42) UN2919, Toxic Liquid, Organ CC53821-SP, IH3891-3	nic, n.o.s., 5.1, PGIL LC(	RC,	-1	DF	187	Р	NONE		
×	43) UN2816, Weste Twickiquid LCCRC. CC53821-SP, IH3891-		3 <del>il,</del>	(	DF	232	P	ונינים		
	44) UN2610, Toxic Liquid, Crgat CC53821-SP, IH4028-1	nic, n.o.s., 5.1 , PGII, LCC	skc,	1	DF	262	P	NONE		
AD AD	9 SHOW, Pros 1, Pros 2	127.P194 P199 D058 D	048   Mai 11199	it 44 tilas t	lian i 174	いい リコムフ リリファヒ	111211	CCSAR	33-8P 121-6P 121-6P	
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35 0	Discrepancy									
35 0	tazardous Weste Report Management Method Cox	des (i.e., codes for hazardous waste	e treatment, disposel, and o	ecycling systems)		tour.		H		
35. 0		dee (i.e., codes for hazardous waste	e treatment, disposal, and o	ecycling systems)	<u></u>	1040		16	XAD	

		GE	NERATOR NAME	MANUFE	T NUMBER	
		Adveno	ed Chemical Treatment	00776	1076 FLE	
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
1		D001			NWW	
	CC54333-SP	D008				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'8	NWW or WW	Special Conditions
2	CC54333-SP	D002			NWW	
Une	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NAW or WW	Special Conditions
3	CC54333-SP	D002			NWW	
Line	TSD Approval #	Waste Code(s)	Subcategory	uncs	NWW or WW	Special Conditions

1 50	TSD	Waste	Out and a second	 NWW	Special
	<del></del>	U196		 	
		U188			
		U154			
		U080			
		U057			
]		F003	•		
		D007	•		
]	CC54333-SP	D002			
4		D001		NWW	

NWW

D001

Line	TSD Approval #	Waste Code(s)	Subcategory	инсъ	or WW	Special Conditions
5	0054200 00	D001			NWW	
<u> </u>	CC54333-SP	D002				

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S		ecial ditions
6	0054000 00	D001			NWW	
i	CC54333-SP	D002				
}		D007				
-		D022				
		F002				
		F003				
ı		F005	•			
		U044				

<sup>\*\*\*</sup>ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANUFEST\*\*\*

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
7	0054000 00	D001			NWW	
	CC54333-SP	D002				
Line	TSD Approval#	Waste Code(s)	Subcategory	инся	NWW or WW	Special Conditions
8	0054805.00	D011	,		NWW	
	CC54333-SP	U058		:		
.ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
9	CC54333-SP	U058			NWW	
ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	or WW	Special Conditions
10	CC54333-SP	NONE			NWW	
ine	TSD Approval#	Waste Code(a)	Subcategory	UHC'S	NWW or WW	Special Conditions
11	CC54333-SP	NONE			NWW	
ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'8	NWW or WW	Special Conditions
12	CC54333-SP	<b>D0</b> 04			иww	
	CC34333-3F	D008				
		_ D010				
		D011				
		U204				
ine	TSD Approval #	Waste Code(s)	Subcategory	UHC'8	NWW or WW	Special Conditions
13	CC54333-SP	D007			NWW	
	200433373P	D008				
		D022				
		U044				
	· · · · · ·	U188		<del></del>		
ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
14	CC54333-SP	D008			NWW	
		P113				

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	TSD	Waste			NWW	Special
Une	Approval #	Code(s)	Subcategory	UHCS	or WW	Conditions
15	CC54333-SP	D007			NWW	
	OC34333-3P	D022				
		U044				
		U080				
Line	TSD Approval#	Waste Code(s)	Subcategory	uncs	NWW or WW	Special Conditions
16	CC54333-SP	NONE			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	шнс	NWW or WW	Special Conditions
17	CC54333-SP	D 0 27			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
18	CC54333-SP	NONE			NWW	
ine	TSD Approval#	Weste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
19		2008	<del> </del>		NWW	_
	CC54333-SP	D022				
		U044				
.ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
20	CC54333-SP	2002			NWW	
ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
21	CC54333-SP	D002			NWW	
ine	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
22	CC54333-SP	D002			NWW	
ine	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
_						

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	or WW	Special Conditions
24	CC54333-SP	D002			NWW	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
25		D001			NWW	
	CC54333-SP	D018				
		D028				
		U003	•			
		U019				
		U108				
		U213				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	or MM	Special Conditions
26	CC54333-SP	U007			NWW -	
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
27		U061			NWW	
	CC54333-SP	U188				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
28		D001			NWW	
	CC54333-SP	D002				
Line	TSD Approval#	Waste Code(s)	Subcategory	инсъ	NWW or WW	Special Conditions
29		D002	<del></del>		NWW	
_	CC54333-SP					
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
30		D022			NWW	
	CC54333-SP	U044				
		U080				
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
31	- 4	D001			NWW	
	CC54333-SP	D002				

\*\*\*ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST\*\*\*

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### LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(a)	Subcategory	UHC'S	NWW Special or WW Conditions
32		D001			NWW
	CC54333-SP	U002			
		U003			
		U154			

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	or WW	Special Conditions
33		D001		<u> </u>	NWW	
1	CC54333-SP	D002				

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
34		D001			NWW
	CC54333-SP	F001			
		F003			

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
35		D001		-	NWW
	CC54333-SP	U002			
		U154			

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
36	DOT 1000 OD	D001			NWW
1	CC54333-SP	D002			
		D011			

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
37		D004			NWW	
1	CC54333-SP	D008				

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
38		D005			NWW	
	CC54333-SP	D008				
		D019				
		P004				
		P020				
		P041				
		P051				
		P059				
		P066				
		P123				
		P127				
		P194				
		P199				
		U038				
		U048				
		U081				
		U129				
		U144		·		
		U185				
		U188				
		U240				
		U247				
		U279				
		U411				

Line	19D Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
39	0054000 00	D001			NWW
ŀ	CC54333-SP	D002			

Line	TSD Approval#	Waste Code(s)	Subcatagory	UHCS	NWW or WW	Special Conditions
40 ,	0054000 00	2002			NWW	
	CC54333-SP	D007				

Line	TSD Approval#	Waste Code(s)	Subcategory	UHCS	NWW or WW	Special Conditions
41		NONE			NWW	
	CC53821-SP					

\*\*\*ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST\*\*\*

Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'8	NWW Special or WW Conditions
42	CC53821-SP	NONE			NWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
43	CC53821-SP	<b>30</b> 07			NWW
Line	TSD Approval#	Waste Code(s)	Subcategory	UHC'S	NWW Special or WW Conditions
44	CC53821-SP	NONE			NWW

### SPECIAL CONDITIONS:

- Waste Requiring No Further Treatment
- Lab Pack Waste Qualifying for Alternative Treatment und 40 CFR 268,40
- Hazardous Waste Debris subject to standard treatment requirements, 40 CFR 268.40
- Hazardous Waste Debris subject to alternative standards in 40 CFR 268 (list contaminants)
- Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
- F. Characteristic waste that are subject to the treatment standards in 268.40 (other than those expressed as a required method of treatment) that are reasonably expected to contain underlying hazardous constituents as defined in 268.2(i); are treated on-site to remove hazardous characteristic; and are sent off-site for treatment underlying hazardous constituents (list constituents)
- G. Characteristic wastes that contain underlying hazardous constituents as defined 268.2(i) that are treated on-site to remove the hazardous characteristic and the underlying hazardous constituents to levels in 268.48 Universal Treatment Standards.
- H. For Chemical Manufacturers, Petroleum Relineries, Coke By-Product Facilities and RCRATSDF handling wastes subject to 40 CFR 61 subpart FF ONLY. This waste is "Controlled Benzene Waste" which is subject to the notification requirements of 40 CFR subpart FF.
- Certification for contaminated soil indicating the presence or absence of characteristic and / or listed hezardous wastes.
- J. Certification for contaminated soil treated in accordance with 40 CFR 268.49

Waste analysis is attached where available; otherwise the information contained herin is based upon my thorough knowledge of the waste(s).

I hereby certify that I believe that the information I have submitted is true, accurate and complete.

SIGNATURE	TITLE	DATE
11 le let	Chemist	01/18/2017

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION A

I certify under penalty of law triat Legisonally have examined and am familiar with the waste through analysis and testing or through knowledge of the was to to support this certification that the waste complies with the treatment standards specified in 40 CFR part 268 subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I have submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment. WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION B

I certify under penalty of law that I personally have examined and am familiar with the waste and that lab pack contains only wastes which have not been excluded under appendix iv to 40 CFR 268. I am aware that there are significant penalties for submitting a false certification, including fine and imprisonment

### WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION F

certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 286.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION G I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 286.40 to remove the hazardous characteristic, and that the underlying hazardous constituents, as defined in 288.2 have been treated on site to the 288.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a talse certification, including the possibility of fine and imprisonment.

### WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION I

I certify under penalty of law that I personally have examined this contaminated soil and it [DOES/DOES NOT] contain listed hazardous waste and [DOES/DOES NOT] exhibit a characteristic of hazardous was to and requires treatment to meet the soil treatment standards as provided by 268.49(c). WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION J

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

# Attachment 7 Management of Oxidizer Guideline

MANAGEMENT OF OXIDIZERS GUIDELINE	Revision: 1
	Review Date: 12/20/18
Drawing References: N/A	Revision Date: 12/20/2018

NOTE: Control measures to be taken if physical contact or airborne exposures occur are as follows:

- If airborne exposure occurs, exit the area immediately and seek fresh air. Seek help as needed.
- If physical contact occurs, use the closest Safety Shower or Eyewash station as needed. Seek help as needed.
- Donning and Doffing of Respiratory Protection in these areas is forbidden unless direct air monitoring with properly calibrated monitoring equipment show results below the designated Action Limits.

NOTE: Refer to PPE requirements as referenced in SOP 4.6.7 NON BULK CONTAINER SAMPLING.

NOTE: Failure to report damaged or inoperable equipment via the work order system is a "Willful and Knowing" violation of this Standard Operating Procedure which could lead to disciplinary actions up to and including termination.

### ####1 STARTUP

Inspections/Checklist

1. N/A

Startup Procedure

N/A

### ####2 NORMAL OPERATION

- 1. ADMINISTRATIVE RECEIVING
  - 1.1 In accordance with facility Waste Analysis Plan, Section 3.3, when receiving waste into the facility, ensure a packing slip accompanies the manifest or bill of lading.
- 2. WAREHOUSE RECEIVING AND FINAL CODING

### NOTE: Refer to SOP 4.6.7 NON BULK CONTAINER SAMPLING for sampling operation and selection of PPE.

- 2.1 In accordance with the facility Waste Analysis Plan, Section 3.3, upon container inspection, ensure a packing slip is attached to the exterior of the container.
  - 2.1.1 If packing slip is not attached to the exterior and it is a lab pack, open container to see if one is included inside.
  - 2.1.2 If there is not a packing slip, contact your supervisor or manager so that one may be obtained from the generator.
- 2.2 When a packing slip is available, check the packing slip to ensure the NFPA Class is included on it.

### NOTE: Clean Harbors policy mandates that the NFPA Class be included on all Oxidizer packing slips.

- 2.3 The NFPA Class may also be found in the "Safety, Handling or Special Instructions" field of the WRR.
- 2.4 Utilize NFPA Typical Oxidizers attachment to classify oxidizers if not already performed by the Clean Harbors Central Profile Group (CPG) or Technical Services.
- 2.5 If a waste stream has multiple constituents, classify based on worst case chemical or compound.
  - 2.5.1 Document the NFPA Class on both the WRR and packing slip.
- 2.6 Post classification; place a yellow & black NFPA classification label on the container next to the WIN label.
- 2.7 When final coding, data enter the NFPA classification number first followed by routine lab comments. For example "NFPA 3 lab pack ab". "NFPA 2 light green liquid ab" or "NFPA 1 white solids ab".
  - NOTE: The Kimball facility is not permitted to store NFPA Class 4 oxidizers. Clean Harbors logistics are in place restricting NFPA Class 4 oxidizers from being shipped into the Kimball facility for direct management. If an NFPA Class 4 oxidizer is encountered, contact your supervisor or manager immediately so that appropriate steps may be taken to transfer the oxidizer to an approved end disposal facility or rejection back to the generator.
  - NOTE: Clean Harbors oxidizer waste classification codes are as follows: CAX, CAXI, CAXC, CAXM, B28, B28E, B28I, LCCRO, LAT-O and LRCTO.
  - NOTE: Oxidizers may ship into the facility under various DOT Classes. The most common classes will be 5.1, 5.2 and/or 8.

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- 3. OXIDIZER BUILDING STORAGE, AREA 57D
  - NOTE: All materials stored in the Oxidizer Building, Area 57D, must be classified by National Fire Protection Association (NFPA) Oxidizer Class.
  - NOTE: As indicated in Section D-1 of the permit, the Kimball Facility cannot store more 2300 lbs of NFPA Class 3 oxidizers inside building 57D.
  - NOTE: Outer containers must be constructed of appropriate manufacturing material and approved for storage in Area 57D.

    Only steel or poly outer containers can be stored in Area 57D.
  - 3.1 Containers of oxidizers should be stored with containers of the same NFPA Class.
  - 3.2 Ensure packing slip is on the exterior of the container.
  - 3.3 Ensure NFPA classification is on or near the WIN marking.
  - 3.4 Rack materials so that container markings can be easily read from main aisle.
  - 3.5 Oxidizers must not be stored on wood pallets.

### ####3 SHUTDOWN

Normal Shutdown

1. Doff PPE.

NOTE: Doffing or down grade of respiratory protection requires air monitoring below action levels or egress from hazardous area.

2. Clean up area.

**Emergency Shutdown** 

- 1. If a container is leaking or bulging, initiate an Emergency Response and contact the supervisor or Health and Safety.
- 2. Evacuate as directed if an alarm sounds.

Inspections/Checklist

1. N/A

Normal Shutdown

1. N/A

Temporary Operations - N/A

Emergency Shutdown / Conditions Requiring Emergency Shutdown

Emergency shutdown of the Oxidizer Building, Area 57D, may be required for the following reasons:

- 1. Power failure
- 2. Fire system failure

NOTE: If there is a prolonged fire system failure, all materials must be removed from the building and stored compatibly in a warehouse, Area 57B or Area 50D.

3. Leak or spill

Emergency Operations - follow Emergency Response guidelines

### ####4 CONSEQUENCES OF DEVIATION

In addition to the process interruptions which can occur, the following additional consequences of deviations could result.

- · Injuries and/or fatalities
- Property damage
- Regulatory violations and/or fines
- Damaged public relations and/or customer relations
- Disciplinary actions up to and including termination

# Attachment 8 Area 80 Inspection With Addition of CAT VAC and Drop Box



### KP - Area 80 Daily

Response Id: 3734711

Compliance Header	
Inspector Name	069418 - Kole W Talkington (TALKINK1)
Area of Inspection	Area 80 Ash Tank Farm
Inspection Date and Time	10/16/2018 12:20 PM
Ash Day Bin H-408A	
Free of cracks	Pass
Free of leaks	Pass
Free of corrosion	Pass
No fugitive emissions/dust	Pass
Free of erosion	Pass
Ash Day Bin H-408B	
Free of cracks	Pass
Free of leaks	Pass
Free of corrosion	Pass
No fugitive emissions/dust	Pass
Free of erosion	Pass
Ash Day Bin H-408C	
Free of cracks	Pass
Free of leaks	Pass
Free of corrosion	Pass
No fugitive emissions/dust	Pass
Free of erosion	Pass
Ash Day Bin H-408D	
Free of cracks	Pass
Free of leaks	Pass
Free of corrosion	Pass
No fugitive emissions/dust	Pass
Free of erosion	Pass
Ash Day Bin H-408E	

	T-1-01-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	
Free of cracks	Pass	
Free of leaks	Pass	
Free of corrosion	Pass	
No fugitive emissions/dust	Pass	
Free of erosion	Pass	
Ash Day Bin H-408F		
Free of cracks	Pass	
Free of leaks	Pass	
Free of corrosion	Pass	
No fugitive emissions/dust	Pass	
Free of erosion	Pass	
Ash Day Bin H-408G		
Free of cracks	Pass	
Free of leaks	Pass	
Free of corrosion	Pass	
No fugitive emissions/dust	Pass	
Free of erosion	Pass	
Ash Day Bin H-408H		
Free of cracks	Pass	
Free of leaks	Pass	
Free of corrosion	Pass	
No fugitive emissions/dust	Pass	
Free of erosion	Pass	
Day Bin Unloader K-417A		
Free of cracks	Pass	
Free of leaks	Pass	
Free of corrosion	Pass	
No fugitive emissions/dust	Pass	
Free of erosion	Pass	
Operating properly	Pass,Pass,Pass,Pass,Pass	
Day Bin Unloader K-417B		

	· -	
Free of cracks	Pass	
Free of leaks	Pass	
Free of corrosion	Pass	
No fugitive emissions/dust	Pass	
Free of erosion	Pass	
Operating properly	Pass,Pass,Pass,Pass	
Day Bin Unloader K-417C		
Free of cracks	Pass	
Free of leaks	Pass,Pass	
Free of corrosion	Pass	
No fugitive emissions/dust	Pass	
Free of erosion	Pass	
Operating properly	Pass,Pass,Pass	
Day Bin Unloader K-417D		
Free of cracks	Pass	
Free of leaks	Pass	
Free of corrosion	Pass	
No fugitive emissions/dust	Pass	
Free of erosion	Pass	
Operating properly	Pass,Pass,Pass	
Day Bin Unloader K-417E		
Free of cracks	Pass	
Free of leaks	Pass	
Free of corrosion	Pass	
No fugitive emissions/dust	Pass	
Free of erosion	Pass	
Operating properly	Pass,Pass	
Day Bin Unloader K-417F		
Free of cracks	Pass	
Free of leaks	Pass	
Free of corrosion	Pass	

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No fugitive emissions/dust	Pass	
Free of erosion	Pass	
Operating properly	Pass,Pass,Pass,Pass,Pass,Pass,Pass	
Day Bin Unloader K-417G		
Free of cracks	Pass	
Free of leaks	Pass	
Free of corrosion	Pass	
No fugitive emissions/dust	Pass	
Free of erosion	Pass	
Operating properly	Pass,Pass,Pass,Pass,Pass,Pass	
Day Bin Unloader K-417H		
Free of cracks	Pass	
Free of leaks	Pass	
Free of corrosion	Pass	
No fugitive emissions/dust	Pass	
Free of erosion	Pass	
Operating properly	Pass	
Transfer Belt K-410		
Free of cracks	Pass	
Free of leaks	Pass	
Free of erosion	Pass	
Free of corrosion	Pass	
No fugitive emissions or dust	Pass	
No signs of tamering	Pass	
Operating properly	Pass	
Ash Day Bin: Secondary Containment - Floor & Dikes:		
Free of cracks/spalls	Pass	
Free of spills/spill residues	Pass	
Free of debris	Pass	
Free of erosion	Pass,Pass	
Ash Day Bin - Secondary Containment - Sump		

Free of cracks/spalls	Pass	
Free of erosion	Pass	
Free of fluid/solid accumulation	Pass	
Ash Day Bin - Secondary Containment - Grating		
Free of corrosion	Pass	
Free of deterioration	Pass	
Free of damage	Pass	
Structurally sound	Pass	
Ash Day Bin - Secondary Containment - Sump F	Pump	
Operating properly	Pass	
Ash Day Bins - Satellite Accumulation Container	rs	
Free of leaks	Pass	
Free of odors	Pass	
Free of discharges	Pass	
Containers closed	Pass	
Labeled properly	Pass	
Label legible	Pass	
Each container is <55 gallon	Pass	
Ash Day Bin - General		
No signs of Tampering	Pass	
K-402 Ash Drop Box & CAT VAC Ash Box		
Free of leaks	Pass	
Free of cracks	Pass	
Free of corrosion	Pass	
No fugutive emissions/dust	Pass	
Operating properly	Pass	
Compliance Footer		
Inspector Signature	Loli Talkington	
Inspection Overall Assessment	Inspection Passed	